

# DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper and Prices Current on  
Chemicals, Drugs, Colors, and Aromatics

VOL. XVI

NEW YORK, JUNE 10, 1925

No. 23

## HEADQUARTERS



Washington's Headquarters  
at Valley Forge

Here the "Father of his Country" set an inspiring example of courage and patriotism when the fortunes of the Revolutionary soldiers were at their lowest ebb. The house, built of stone, was a portion of Mount Joy Manor originally owned by Wm. Penn.

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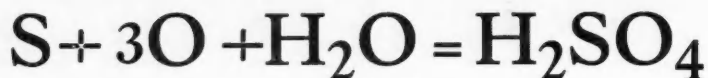
*The*  
**ROESSLER & HASSLACHER CHEMICAL CO.**

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New York



*Gleaming yellow sulphur being unloaded at  
East St. Louis, home of the Monsanto Acid Plant*



THE SULPHURIC ACID REACTION BY CATALYSIS

On May 16th the first tow of two 1,000 ton barges, to be used exclusively in the Monsanto Sulphur service, arrived in East St. Louis.

This new all water transporting of the raw material for Sulphuric Acid is a distinct step forward in Mississippi River traffic development, as it opens a new era in upstream movement of bulk commodities.

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MURIATIC ACID 18° - 20°	NITRIC ACID
MIXED ACID	SALT CAKE
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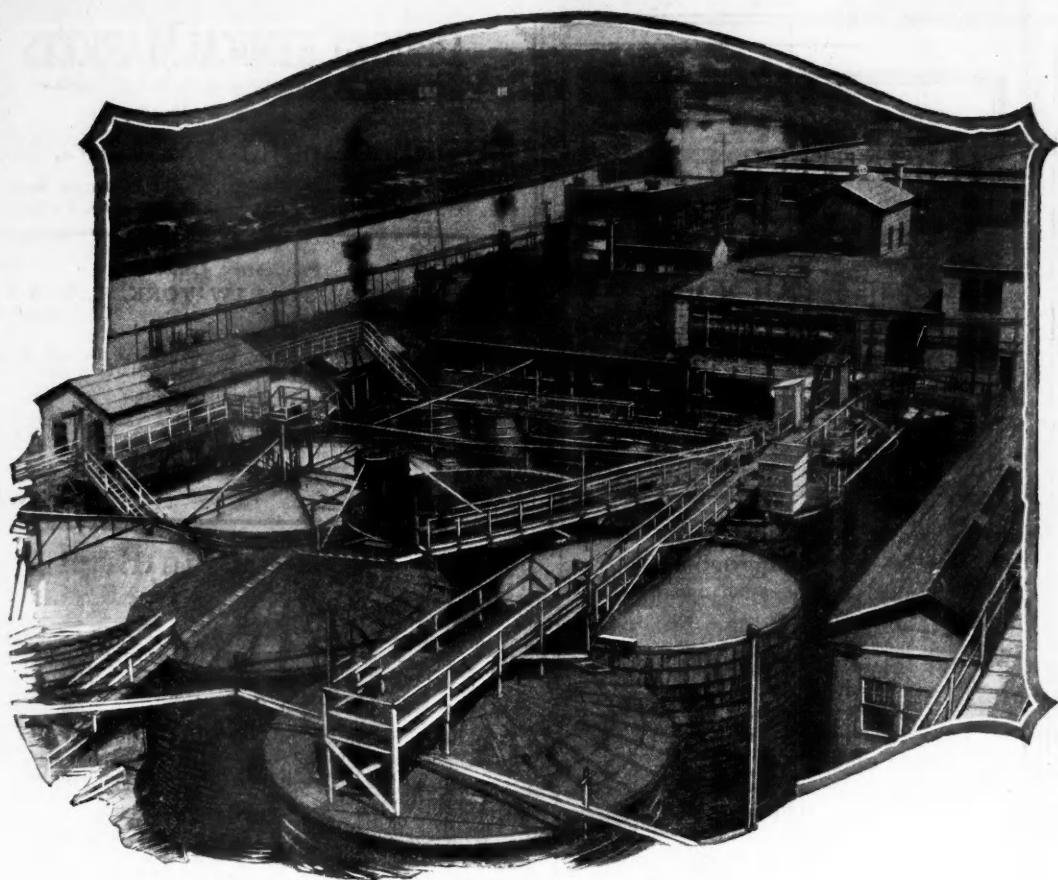
which have their foundation in sulphur and which also enter directly into the manufacture of Monsanto's fine and medicinal chemicals and intermediates.

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## The Week in Brief

### News

Imports of coal tar dyes in May were the lowest for the year to date, amounting to 370,271 pounds, compared with 451,005 pounds in April. The valuation was \$347,904 against \$426,141.

Marietta Refining Co. wins suit brought by Nicholas L. Kalman, former chemist of the company who claimed \$39,161 as his share in the company's profits in 1920.

With chemicals 60 per cent under average price for all other products, buyers are spending a smaller part of their dollar for chemicals today than ever before, say leading authorities in the business.

The United States should produce its own raw tanning materials, according to a New York leather manufacturer who told the American Leather Chemists Association that 10,000,000 hides are needed each year in this country.

### Markets

Steady movement in industrial chemicals continues with spot trading a slight improvement in some quarters. Prices are steady practically without exception.

Light oil distillates very firm at recent prices and supplies are not plentiful. Pyridine declines sharply as buying ceases. Intermediates moving in a routine manner.

Vegetable oils in unsettled condition. Linseed oil down. Chinawood oil steady. Cottonseed oil unsettled. Animal oils record only slight changes.

Prices in fine chemicals show few changes over a week of exceptionally quiet trading. Quicksilver, codliver oil and menthol continue strong with camphor weaker.

Crude drugs continue to show seasonal activity with positions of many items weakened by hot weather. Rhubarb higher with some interest appearing in 1925 cascara.

Higher lemon oil prices are noted this week following further rise in costs in Sicily. The stock of peppermint oil is small and prices remain high with further upward tendency.



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# DRUG & CHEMICAL MARKETS

VOL. XVI

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## THE TARIFF AND PRICES

Strange as it may seem, and contrary to rather heated predictions, chemical prices have actually declined under the influence of the Fordney Tariff during the past two and a half years. Casual observers will say that prices declined in spite of the tariff, but a well-known importer who has evidently studied the situation carefully, states that much of the downward trend in values in the United States is directly traceable to the influence of the protective barrier. He pointed out that within the United States, in spite of sharper and sharper competition, new chemical manufacturers have sprung up during the past two years. The total number of chemical producers has increased, rather than decreased, even though all conditions tended toward a thinning of the chemical ranks.

Chemical values have declined on the average to a point where they are dollar for dollar lower than pre-war. Based on the purchasing power of the dollar, that is comparing them with the market prices of all other commodities, chemicals are distinctly sub-normal. They are even lower than the levels which existed in 1922 before the rise which anticipated the passage of the Fordney Act. The decline which has brought them to present low levels, is due chiefly, so the evidence indicates, not to foreign competition, but to excessive internal competition.

Keener competition within our borders. But to what end? We are producing more and actually using less in the way of chemicals, intermediates, colors, medicinals, and the like. We cannot export many of our chemical materials owing to high costs, and cannot compete without tariff protection. The money invested in the American chemical industry is greater because of the tariff; the production of chemical products as a nation is also greater; but,—and this particularly for those who saw the chemical industry as a bloated plutocrat as a result of the tariff,—the earnings per dollar of investment continue small, unquestionably smaller than ever. The low prices of chemicals are chiefly responsible for the small earnings; too much competition is responsible for the low prices; and from the present looks of things, the tariff has helped to foster too much competition within the United States. Two years and a half of our "prohibitive tariff" and chemical prices forty per cent. under normal! With-

out the tariff, Europe would have put most of America out of the chemical business ere this. With the tariff, the American industry seems to be trying to put itself out of business.

## THE MARKET FOR CHEMICAL "LEMONS"

In 1909, a nitrogen fixation process was worked out in Germany, which was heralded as the end of Chile nitrate. Announcement was made of the perfection of the process but it was not until late in 1914 that actual production was accomplished and then only at a cost which would have been prohibitive except for the needs of war. Fixed nitrogen was turned out on a commercial scale but five years after the "perfection" of the process and at a cost which could never compete with Chile under normal conditions. The recent stories of synthetic methanol production at eighteen or twenty cents per gallon, that have gained such credence in the United States, bring to mind this episode of 1909.

Several of America's leading chemical executives have been through the linoleum-floored, attendants-in-uniform plant of Badische at Luena and vouch for the fact that the methanol is being produced. But, how much, and at what cost? The plant is a wartime left-over, formerly used for ammonia synthesis, in short, a ready-made plant. Is this considered in the cost? The raw materials are these practically without cost? Is this figured in? In short, is the reported low cost of Badische methanol inherent in the process or is it merely the result of a combination of circumstances in this one instance?

Several of America's leading experts recently figured out the cost of a synthetic methanol plant for this country. For a plant producing 300,000 gallons per year, a \$2,500,000 investment would be needed. The interest and amortization charges alone would exceed one dollar per gallon for methanol produced for the first five years, exclusive of labor, coal, and other materials.

Already Americans are negotiating with Badische for the American rights to the methanol process, which in spite of patents, is said to be more or less a secret art of catalyst preparation. Others are negotiating for the French Petart process which the Germans condemn as impracticable. The stories of low cost and big profits have evidently taken deep root. Off with the old, and on with

the new. This is perhaps a commendable attitude when it is positively known that the new is right, but in this case nobody knows. Who even knows that the methanol shipped here from Germany was and is a product of the Badische process?

In the scramble to grab the process before somebody else, caution and business sense may be cast to the winds. Somebody may buy a "lemon" for a few million dollars. Be that as it may, until such time as synthetic methanol is a commercial fact in this country, if ever, a wood chemical industry is vitally imperative. Assurance of the wood chemical future is directly up to Washington for immediate action. If Americans want to squander their money abroad for "processes" that does not materially alter the clearly defined duty of the Government to the country which must protect its wood chemical supply.

#### SYNTHETIC PUBLICITY

To the average man, the limitations of chemical synthesis know no bounds. Where is there a chemist who, during the war when dyes were scarce as hen's teeth, was not asked by some innocent friend "You're a chemist, why don't you make dyes and make a fortune?" Where is there a chemist who has not been handed a bottle of the doctor's latest prescription and asked the simple question "What's in that?" Or, perhaps, handed a piece of mineral and asked "Is this of any value?" Truly, the faith of the average layman in the occult powers of the chemist is akin to a child's belief in fairies.

Just recently, a well known dyestuff and pharmaceutical manufacturer offered a prize of \$100,000 to anybody who would produce a cheap synthetic opium, the alkaloids of which must be chemically identical with those of the natural gum. This caused somewhat of a smile in manufacturing drug quarters and some of the trade winkingly accused the willing donor of jesting or seeking the limelight. Following this offer, some enthusiastic soul wrote a letter to one of the big newspapers. He suggested that just plain synthetic opium was altogether too easy for the chemist. The new synthetic opium must be non-habit-forming.

One hundred thousand dollars for a non-habit-forming, synthetic opium! Not only synthetic, but very cheap to manufacture. To any chemist or pharmacist who might turn out such a product, the value would exceed \$100,000. It would be worth millions to the legitimate drug trade of the world over a few years in saving in present cost of production of morphine and codeine alone. The narcotic addiction evil would be practically ended.

Why place such a low price on a product so valuable, even if it is 'in the imaginative stage? Surely, there must be some sporting character in the manufacturing drug business who will double this original offer for the exclusive rights to such a product. And, consider this, what a wonderful chance to get on the front pages of the big news dailies.

INDUSTRIAL CHEMICAL SECTION

### Science and Sales

The germicide powers of phenol are greater in acid solutions than in alkaline solutions.

A food preservative suitable for the preservation of meats or other products is made by the oxidation of thymol and butyl alcohol by use of free oxygen.

Deficiency of iodine is not admitted to be the cause of goitre, according to a recent statement in "Water and Water Engineering," which lays the goitre prevalence of the Great Lakes cities to heavy sewage contamination of drinking water.

A protective coating is placed on water distribution systems by passing part of the water through sodium silicate lumps, which form small portions of insoluble silicates from salts in the water, causing them to be deposited on inside of pipes as a protective coating.

Recent experiments in France with crops of sugar beets and potatoes show that urea gave better results as a fertilizer with these crops than did nitrate. In crops of oats and corn, there was little difference in value.

A disinfectant for seeds, composed of formaldehyde, and bichloride of mercury in dilute muriatic acid solution, is covered by U. S. patent No. 1,530,280.

Molasses has been used successfully as a fertilizer for cane sugar. The proportion is four tons to the acre. It is believed that the molasses helps biological processes in the soil.

Tanning power of various vegetable tanstuffs has been found to be as follows in order of their relative powers: quebracho, mimosa, chestnut, myrobalans, valonia, sumac, mangrove and gambier, with quebracho the most powerful and gambier the least.

Keeping qualities and the rapidity with which animal glue will adhere are considerably improved by the addition of acetic acid.

The nicotine content of tobacco "trash" runs from a quarter of one per cent up to four and a half per cent. This is the only grade of tobacco from which it is considered practicable to manufacture solutions for insecticide sprays.

On Saturday, June 13, the annual outing and field day of the Salesmen's Association of the American Chemical Industry will be held at the Green Gables on the Shrewsbury, Pleasure Bay, N. J. Members and guests will travel by boat of the Central R. R. of New Jersey to Atlantic Highlands and thence by connecting train to Monmouth Beach. One way tickets to Monmouth Beach should be bought as the return will be made by train. Boat leaves 42d St., North River, at 11:50 A. M., and foot of Cedar St., at 9:10 A. M. Acceptance should be mailed to Harrison Wilmet, 1 Madison Ave. with check for five dollars.

The preparations for the establishment of a nitrogen industry by the "Strikstof-Syndicaat" at Bandoeng, Java, have taken firm shape. Promoters believe that realization of the scheme will not only result in making agricultural estates in Java independent of foreign nitrogen fertilizers, but that prices of manufactured goods will drop considerably.

Dr. Julius Klein, Director of the Bureau of Foreign and Domestic Commerce, sailed on June 10, on the George Washington, to inspect the Government's European offices.



# What Are Your Chemicals Costing?

*With Chemicals Sixty Per Cent Under Average Price for All Other Products, Buyers Are Spending Smaller Part of Their Dollar For Chemicals To-Day Than Ever Before—How Long Can It Last?*

**W**HEN a man bought a pair of shoes back in 1912 or 1913, the cost of the tanstuffs, chemicals, colors, and allied products represented in the shoes, might have cost perhaps fifty cents. Today, with finished shoes at fifty or sixty per cent above the prices of 1913, the so-called chemical constituents represent less than fifty cents. Where chemical materials represented say ten per cent of cost from raw hides to finished shoes in 1913, at present prices they represent in the neighborhood of six per cent.

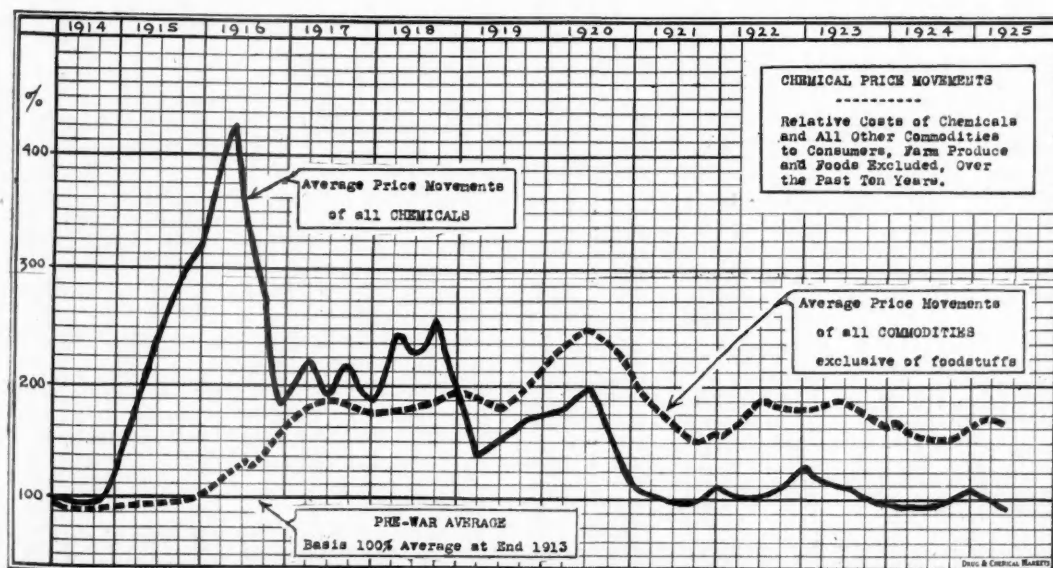
Multiplying this case by a million and the relative position of chemicals, dyes, intermediates, and similar products, in the scheme of economic America to-day is pictured. In clothing, paint, paper, medicines, glassware, steel—in the hundreds of industries into which chemicals go, the cost of chemicals is not only lower compared to other groups of raw materials, but actually lower, dollar for dollar, than the cost of the same chemicals back in 1913. The fact that chemicals are much lower and represent a smaller part of the buying dollar of consumers to-day than they did before the war, is not new—neither is it news. The condition has existed for five years. Instead of equalizing, the past eight months has seen a wider divergence between chemicals and other commodities. Last

October, the difference was about fifty per cent; today, it is closer to seventy-five per cent. Why?

The answer is just as close to the pocketbook of the chemical consumer as it is to that of the chemical seller, be he manufacturer or importer. Based on wages paid to labor, cost of equipment and raw materials generally, 150% price for any commodity compared to a 1913 figure of 100%, is not out of line. If, on the whole, commodities are correctly priced, then there is something radically wrong with the chemical situation which is forcing this industry, no matter whether in Europe or America, to sell its goods at a heavy discount.

In 1922, when the Fordney Tariff Act was passed, broad advances in chemical prices were predicted and honestly expected because at that time chemicals were selling very low. For a few months, prices did advance slightly, but early in 1923 began a steady descent for over a year and a half, bringing them to lower levels than before the tariff was passed. The logical answer appears to be that competition within the United States was materially sharpened by the tariff. New manufacturers were enticed into the business by higher tariff rates, and consequent competition has been keener and keener as time passed. Some effect of imports has been noted and would undoubtedly have been more apparent if internal competition had not been so sharp. Nevertheless, low prices of numerous chemicals can trace their origin directly to the Fordney Tariff which so many American consumers opposed because they feared it would jeopardize their business.

Theorizing over what caused the present situation in the chemical industry does not solve the problem for



For six years, chemicals have been selling lower than the average of all other commodities. Just as the peak of 1916 was caused by acute scarcities of intermediates and coal-tar products chiefly, so the slump since 1921 was influenced mostly by lower and lower prices for these products. The averages given here are based on prices of twenty each of industrial chemicals, fine and medicinal chemicals, and coal-tar crudes and intermediates.



the American manufacturer and importer, nor does it sound the warning gong for the consumer of chemicals. The real question is, how long can it last? No industry can continue indefinitely and pay no return on its investment. No industry can pay higher costs and sell at lower prices, unless its previous margin of profit was excessive, and this was obviously not the case before the war as was evidenced by the size and strength of the American chemical industry. Buyers cannot expect to purchase for any great period of years at prices below those based on economic common sense. Those that do, are letting their wishes override their business judgment.

Several things may happen over the next few years. Continuation of present conditions may break some of the weaker links in the chemical chain. It may be just a straight case of survival of the fittest. Over the past few years, however, in spite of severe competitive conditions, the number of new chemical manufacturers has increased rather than decreased. Most all the new makers have come into the market with one or two products only. The elimination process has not worked out as expected. A year or two of excessively bad general business is needed, according to one or two chemical executives, to purge the industry of what they term "hangers on." Only after such a severe purging, they claim, can any genuine readjustment of chemical conditions be made, and it is during this period of readjustment that the chemical consumer will pay for the low prices of the past six years.

To narrow the chemical business down to a hundred strong factors in place of the several hundred strong and weak mixed, as it is to-day, will mean higher prices. Even in spite of revolutionary improvements in manufacturing methods, and the chemical industry seems destined to receive numerous shocks in this direction over the next few years, a tendency toward concentration of control would bring a simultaneous demand for larger profits and the higher prices which go to make them. New processes, however, will bring only a gradual change. Developments like the recent synthetic methanol are not likely to affect seriously in a few years an industry handling a thousand or more products. Cutting production costs in half or to a quarter, may play havoc with certain branches of chemistry over the next few years, but the real changes in marketing and sales prices will undoubtedly have to be made in the industry in its present shape.

America has a chemical industry which can supply far more than its home requirements. Add to this, all imported chemicals, and a large oversupply is constantly depressing the market. Where does the consumer fit into this picture? He has been buying chemicals about forty per cent under a pre-war ratio based on the purchasing power of the dollar, and has been the beneficiary of a wartime "hang-over" in chemicals. Although in 1915 and 1916, he paid wild speculative prices, this has been more than made up since 1919. He has been buying almost any product in a market supplied by four or five manufacturers, making perhaps 10,000 tons per year each, where one or two makers with a combined output of 20,000 tons could take care of the demand—a market surfeited by unnatural competition which cannot continue indefinitely. He has, as indicated by the chart, been buying \$1.60

worth of chemicals for 90c, the cheapest price of the past two decades.

Because chemicals are cheap, however, is certainly not the fault of the consumer. Any purchasing agent who paid more than he had to for any product, except perhaps under special circumstances, would be looked upon with suspicion. A buyer who did not take advantage of the present market in chemicals to cover cheaply, would be derelict in his duty to his firm. The vital question is, how long will the present market continue, how long will it take the chemical sellers to put their house in order and return prices to the point where they again command a hundred cents of the dollar?

### BIDS FOR DRY COLORS OPENED

Offers by Manufacturers to Supply the Bureau of Engraving and Printing

(Special to DRUG & CHEMICAL MARKETS)

Washington, June 10—Bids for supplying dry colors for the Bureau of Engraving and Printing are as follows:

Mixed black: Binney & Smith Co., 12.875c per pound and 13c; A. Wilhelm Co., 13.125c or 13.25c; Glidden Co., 13.5c or 13.375c; Heath & Milligan Manufacturing Co., 13.375c or 13.25c; Siemon & Elting, 14c or 13.375c; Chas. Wix & Co., 19.5c or 17.5c.

Carbon black, grade 1: J. M. Huber, Inc., 24c per pound; Binney & Smith Co., 27c; all samples rejected.

Carbon black, grade 2: Binney & Smith Co., 14c.

Magnetic oxide of iron: Toch Bros., 10c per pound; Magnetic Pigment Co., 14c; Binney & Smith Co., 10c; all samples rejected.

Barytes: National Pigments & Chemical Co., 1.15c per pound f.o.b. factory; Point Milling & Manufacturing Co., 1.124c; C. P. Delere Co., 1.1412c; D. H. Litter Co., 1.45c f.o.b. Washington; rejected.

Paris white—Thompson Weyman Co., .9308c per pound, preferred bidder; Independent Gravel Co., 1.05c.

Zinc white—Eagle Picher Lead Co., 9c per pound, preferred bidder.

Hydrate of alumina—H. Kohnstamm & Co., Inc., 17c per pound, preferred bidder.

Chrome green—Glidden Co., 21c per pound, preferred bidder.

Prussian blue—Heath & Milligan Manufacturing Co., 29c per pound, preferred bidder.

Bronze blue—E. I. du Pont de Nemours & Co., 30.75c per pound, preferred bidder.

Chinese blue—Mangano Manufacturing Co., 31c per pound, preferred bidder.

Ultramarine blue—Standard Ultramarine Co., 12.75c per pound, preferred bidder.

Redlake No. 1—Federal Color Laboratories, Inc., 25c per pound, preferred bidder.

Redlake No. 6—Federal Color Laboratories, Inc., 14c per pound, preferred bidder.

Chrome yellow, lemon shade—J. Spencer Lucas 13.9c, preferred bidder.

Chrome yellow, medium shade—J. Spencer Lucas 16.2c per pound, preferred bidder.

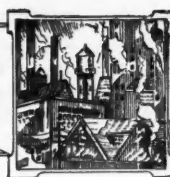
Chrome yellow, orange shade—J. Spencer Lucas 16.85c per pound, preferred bidder.

Orange mineral—Eagle Picher Lead Co., 15.5c per pound, preferred bidder.



# Industrial Chemical

## SECTION



## May Dye Imports Smallest of the Year

Only 370,271 Pounds Compared with 451,005 in April—Valuation Is \$347,904 Against \$426,141 for the Previous Month—Imports of Medicinals Amounted to 317,241 Pounds, Valued at \$78,978, a Much Larger Total than for April—Germany Supplied 50 Per Cent of Imports and Switzerland 32 Per Cent.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 10—A decline in total tar dye imports during May is noted by the Chemical Division of the Department of Commerce and Chemical Division of the Tariff Commission which report totals of 370,271 pounds compared with 451,005 pounds in April. The valuation is estimated at \$347,904 against \$426,141 for the previous month. The imports are the smallest this year to date. The following table gives the receipts by months and valuation:

	1925		1924	
	Pounds	Invoice Value	Pounds	Invoice Value
January .....	463,984	\$359,376	238,643	\$237,868
February .....	373,259	365,268	161,869	780,570
March .....	527,964	488,501	302,799	307,247
April .....	451,005	426,141	176,550	183,789
May .....	370,271	347,904	188,079	177,553
Total 5 Mos. ....	2,126,483	1,987,190	1,062,940	1,087,027

Imports for the month of May by ports were as follows: New York 353,326 pounds, invoice value \$334,525; Boston 13,945 pounds, invoice value \$10,519; Philadelphia 3,000 pounds, invoice value \$2,860; total 370,271 pounds, invoice value \$347,904.

Germany supplied 50 per cent of May imports, against 46 per cent in April and Switzerland 32 per cent against 34 per cent in the preceding month.

Five dyes leading by quantity imported during May were indanthrene blue GCD, 16,520 pounds; indanthrene golden orange R, 15,755 pounds; rhodamin B, 14,390 pounds; alizarine paste 20 per cent, 13,846 pounds; and ciba scarlet G extra, 11,434 pounds.

Dyes remaining in bond on April 30 totaled 668,365 pounds against 653,020 pounds on March 31. Coal tar intermediates in bond on April 30 totaled 1,048,334 pounds against 653,020 pounds on March 31. Coal tar report by months follows:

### Dyes Remaining in Bonded Customs Warehouse

Date	Coal-Tar Dyes and Colors (Pounds)	Coal-Tar Intermediates (Pounds)
Aug. 31, 1924	507,338	1,081,287
Sept. 30	559,661	1,111,656
Oct. 31	552,556	1,050,037
Nov. 30	553,760	1,031,460
Dec. 31	575,051	1,086,108
Jan. 31, 1925	571,371	952,202
Feb. 28	566,038	961,406
March 31	653,020	1,050,539
April 30	668,365	1,048,334

Imports of synthetic aromatic chemicals were as follows: January 6,645 pounds, invoice value \$26,831; February 5,088 pounds, invoice value \$18,875; March 11,018 pounds, invoice value \$21,040; April 15,020 pounds, invoice value \$33,543; May 8,761 pounds, invoice value \$13,216.

Imports of medicinals, intermediates, photographic developers, and other coal-tar products follow: January 177,268 pounds, invoice value \$34,317; February 487,015 pounds, invoice value \$74,995; March 282,368 pounds, invoice value \$124,287; April 34,213 pounds, invoice value \$26,743; May 317,241 pounds, invoice value \$78,978.

Color lake imports were: January 385 pounds, value \$728; February 2,112 pounds, value \$1,926; March 5,422 pounds, value \$2,061; April 15,660 pounds, value \$6,167; May 1,600 pounds, value \$1,079.

### MARIETTA REFINING CO. WINS SUIT

(Special to DRUG & CHEMICAL MARKETS)

Columbus, O., June 10—The suit of Nicholas L. Kalman, former chemist of Marietta Refining Co., to recover \$39,161 and interest from Dec. 31, 1920, which he claimed as his share of the profits of the company during the first nine months of that year, was decided in favor of the Marietta Refining Co., by a jury in the United States District Court at Columbus, Judge Hough presiding. The books of the company were kept by the inventory system instead of by sales and expense method, and the company's contention was that Kalman built up paper or estimated profits by arbitrarily raising cost prices on the finished products made by the company, and also on the materials in process during the first nine months of 1920.

The company also charged Kalman with fraudulently inflating the quantities of materials in process, as 53 per cent of the alleged values vanished when the materials in process were actually run out at the end of December, 1920. A shrinkage in value of \$81,382.48 took place during the two month period required to run out the materials in process using the same or higher cost prices than at the beginning of the year, showing that decline in market would not account for the shrinkage in value. The attorneys appearing for Kalman were Allen C. Roudebush, of Cincinnati, Dana C. Reynolds, of Columbus, and H. C. Clark, of New York City. C. C. Middleswart represented the Marietta Refining Co.

The New Jersey Chancery Court has awarded one half the \$20,000 insurance fund paid by the American Eagle Fire Insurance Co., on the burning of Sepoy Color & Chemical Co's. plant to John M. Connor, owner of the building in which the plant was housed. The remainder of the sum will be held by the court until the rights of George Bothalmey, another claimant have been decided.

# The Heavy Chemical Market

Current Spot Quotations for Heavy Chemical pages 1726-1744

## BUTYL ALCOHOL $\frac{1}{2}$ C LB. LOWER FOR JUNE

Copper Sulfate Down on Slight Demand—Sodium Nitrate Shaded—Arsenic Lower—Prussiates Very Firm—Carbon Tetrachloride Slightly Easier—Sodium Hyposulfite Strong—Sodium Sulfide Shows No Easiness—Market Very Steady

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced  
No advances.  
Declined

Alcohol, Butyl,  $\frac{1}{2}$  c lb.  
Arsenic,  $\frac{1}{2}$  c lb.

Copper Sulfate, 10c 100 lb.  
Sodium Nitrate,  $2\frac{1}{2}$  c 100 lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial ....lb.\$	.10	.10	.11	.11	\$ .19 $\frac{1}{2}$	.07
Sulfuric Acid, 66 deg. ton	14.00	14.00	14.00	14.00	85.00	20.00
Ammonium Sulfate, 100lbs.	2.75	2.75	2.75	2.70	7.50	2.65
Bleaching Powder, 100lbs.	1.90	1.90	1.90	1.90	9.50	1.50
Copper Sulfate, c/l 100lb.	4.55	4.65	4.65	4.65	20.00	4.50
Potash, Caustic, Imp ....lb.	.07 $\frac{3}{4}$	.07 $\frac{3}{4}$	.07 $\frac{3}{4}$	.06 $\frac{3}{4}$	.87	.06
Soda Ash, 58 p.c....100lbs.	1.94	1.94	1.94	1.94	2.50	.60
Caustic Soda, 76 p.c.100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate..lb.	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	.09 $\frac{1}{2}$	.65	.06 $\frac{1}{2}$
Sodium Prussiate, Imp. ..	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10	.09 $\frac{1}{2}$	1.25	.18

Average ..... 2.916 2.926 2.927 2.922 10.79 2.99

No change from the firm though quiet condition of the market for heavy chemicals has been recorded during the week. Factors continued to report a seasonal lull, but prices were maintained at former levels on practically the entire list. Arsenic is slightly lower although buying is in fair volume. Butyl alcohol prices are lower for June. Acetone is very firm, due to a heavy seasonal demand, and makers of acetone from acetate of lime have resumed manufacture owing to the increased prices and the recent reduction in acetate of lime.

Imported products are changing hands at the same prices and potassium carbonate and sodium prussiate are very firm, while sal ammoniac and barium chloride and carbonate remain in a weak condition although efforts to drive prices below present low levels have not met with success. Domestic quotations have shown no variation on any product and the volume of products moving on contracts is of satisfactory proportions.

**Acetone**—Market very firm at 12c lb. for tanks or carlots of drums. Manufacture has been resumed by acetone-from-acetate-of-lime producers.

**Acid Acetic**—Steady movement reported by makers who quote prices at recent reduction for carlots of barrels: 28% \$3.00 100 lb.; 56% \$5.60; 70% \$6.89; 80% \$7.73; glacial \$10.57.

**Acid Formic**—Firm situation continues and prices are holding at unchanged figures.

**Acid Lactic**—Market firm at unvaried prices and makers report no decline in the demand.

**Acids Mineral**—Sulfuric and nitric acid quotations are unchanged and makers are reporting a firm market.

INDUSTRIAL CHEMICAL SECTION

**Acid Oxalic**—Imported and domestic continue firm at 10 $\frac{3}{4}$ c@11c lb.

**Alcohol Butyl**—The domestic maker has lowered quotations  $\frac{1}{2}$  c lb. and now quotes for contract shipments, 24 $\frac{1}{4}$  c lb. for tank cars; 24 $\frac{3}{4}$  c lb. for carlots of drums; and 25 $\frac{3}{4}$  c lb. for l.c.l. Spot prices are 1c lb. above contract prices.

**Alum Potash**—Imported material very firm at \$2.75 @ \$2.87 $\frac{1}{2}$  100 lb. due to limited supplies available. Domestic prices are firm but unchanged.

**Ammonium Chloride**—Domestic makers are quoting unchanged prices while importers name recent low prices of 5 $\frac{1}{4}$ c@5 $\frac{1}{2}$ c lb. for white, and 6 $\frac{1}{2}$ c@6 $\frac{3}{4}$ c for gray.

**Arsenic**—Market unsettled and although 4 $\frac{1}{2}$ c lb. is reported to be the firm price in some quarters, goods are available from other factors at 4 $\frac{1}{2}$ c@4 $\frac{3}{4}$ c lb. Buying is of slight volume.

**Barium Salts**—Chloride remains weak at \$60.00 ton for barrels of large crystals. Carbonate is in large supply at \$50.00 ton.

**Bleaches**—Bleach market remains in firm condition with quotations on imported and domestic products showing no variation in any quarter. Chlorine is moving in heavy volume at unchanged prices.

**Carbon Tetrachloride**—Supplies are available for earlier shipment in some quarters although the demand remains sufficient to keep the market firm.

**Copper Sulfate**—Market weak due to slight demand and carlots are available on spot at lower prices of \$4.30 100 lb.

**Epsom Salt**—Technical steady at unchanged prices for both domestic and imported products. U.S.P. very firm in all quarters.

**Glauber's Salt**—Domestic makers continue to report a very heavy request and prices are firm. Imported material steady at recent prices.

**Potassium Bichromate**—Makers are maintaining their schedules without difficulty in all transactions. Demand is fair.

**Potassium Prussiate**—Offerings are light although the demand is only routine. Prices are steady at 18 $\frac{1}{2}$ c @19c lb.

**Soda Ash**—Only the usual decline is reported in this market and prices are firm in all directions.

**Sodium Bichromate**—Prices show no variation although the demand is only of routine size.

**Sodium Hyposulfite**—Although prices are unchanged a much heavier movement is reported and a much firmer condition exists for both imported and domestic regular and pea crystals.

**Sodium Nitrate**—Spot prices eased off further this week and factors quote \$2.55 $\frac{1}{2}$  100 lb.

**Sodium Prussiate**—Imported material remains unobtainable in any quantity on spot and domestic makers name 10 $\frac{1}{2}$ c@10 $\frac{3}{4}$ c lb. for prompt shipment. Guaranteed shipment from abroad is offered at 10 $\frac{1}{4}$ c lb.

**Sodium Sulfide**—Unchanged conditions prevail in this market and imported is scarce while domestic makers are firm at unchanged prices.

# **BEGIN METHANOL INVESTIGATION** (Special to Drug & Chemical Markets)

Washington, D. C., June 10—Customs Service agents in Germany are making an investigation of the synthetic methanol industry to determine whether methanol is being dumped in the American markets. Charges have been made by the United States industry that the large quantities of methanol being imported into the United States and sold at low prices are disposed of in this country at less than the price abroad. Substantiation of this charge by the customs agents would warrant the issuing of an embargo. The Treasury agents are seeking to learn the foreign market value as well as the cost of production

## **STUDY CHEMICAL ACHIEVEMENT LIST**

Seventy-five to eighty applications for the Court of Chemical Achievement to be held in conjunction with the Tenth Exposition of Chemical Industries at the Grand Central Palace, New York, during the week September 28 to October 3, have been received and most of them have been submitted to the Approval Committee of the American Chemical Society. Preliminary consideration of some of the applications, which are for new chemical products, instruments, equipment, and new processes developed in the United States during the past few years, indicate a few will probably not be accepted.

The Insecticide and Disinfectant Manufacturers Association will hold its annual convention at Boston, June 18-20. It is planned to have those who are travelling to the convention via New York make the trip from New York by either the Fall River Line or the Eastern Steamship Co. which will provide an overnight trip through Long Island Sound passing through Cape Cod Canal. Reservations at Hotel Lenox are being made by the secretary, Harry W. Cole.

Two scholarships worth \$900 will be awarded this year by the Chemists Club of New York to students in industrial chemistry and chemical engineering. They are the Bloede scholarship, with an income of \$500, founded by Dr. Victor G. Bloede of Baltimore, and the Hoffmann Scholarship, with an income of \$400, endowed by William H. Hoffmann of Newark.

The quartermaster at Fort Sam Houston, Tex., has awarded the following contracts for chemical supplies: 3,808 lbs. bicarbonate of soda of Mathieson Alkali Works at 3.4c lb.; 3,248 lbs. bicarbonate of soda to J. Barrow, Dallas, at 3.4c lb.; and 3,600 lbs. sulfuric acid to Texas Chemical Co., at 4c lb.

The quartermaster at Fort Mason, San Francisco, has awarded the following contracts for chemicals: 2,100 gals. acetic acid, Los Angeles Soap Co., at 13½c; 320 lbs. oleic acid to Herbert F. Duggan, San Francisco at 22c; 5,400 lbs. soda ash to L. H. Butcher Co. at \$2.35 per 100 lb.

The Canadian Institute of Chemistry, held its annual convention at the Ontario Agricultural College, Guelph, Ont., on June 3 to 5 with a large attendance. Prof. Robert Harcourt, Department of Chemistry of the Ontario Agricultural College, was elected president.

The Chemical Foundation case has been advanced on the calendar by the United States Supreme Court for hearing immediately following the cases set for Nov. 2.

# **ELON H. HOOKER ELECTED PRESIDENT OF THE MANUFACTURING CHEMISTS**

**Henry Howard Heads the Executive Committee, S. W. Wilder Is Treasurer and John I. Tierney Secretary—Another Effort to Place Nitrate of Soda on the Dutiable List Expected—Improved List of Chemical Imports Planned by Secretary Hoover.**

The Manufacturing Chemists Association listened to the presidential address of Elon H. Hooker, at the annual meeting at the Whitehall Club, 17 Battery Place, New York, June 3, heard the report of the Executive Committee, and elected the following officers:

President—Elon H. Hooker, of Hooker Electrochemical Co.



Vice Presidents—Warner D. Huntington, Davison Chemical Co.; H. A. Galt, Columbia Chemical Division, Pittsburgh Plate Glass Co.  
Secretary—John I. Tierney, 540 Woodward Bldg., Washington, D. C.  
Treasurer—S. W. Wilder, Merrimac Chemical Co.  
Executive Committee: Henry Howard, Grasselli Chemical Co.; Adolph G. Rosengarten, Powers-Weightman-Rosengarten; Dr. Chas. L. Reese, E. I. duPont de Nemours & Co.; Wm. H. Bower, Henry Bower Chemical Mfg. Co.; C. W. Millard, General Chemical Co.; H. F. Atherton, National Aniline & Chemical Co.; Wm. F. Barrett, Carbide & Carbon Chemical Corp.

President Hooker spoke on the vital necessity of the chemical industry to every other industry in peace, and to a still greater extent in time of war.

In the annual report of the Executive Committee the statement is made that "within the last few months word has come to us that there is prospect of a protest being filed against a typical importation of high grade nitrate of soda in order to lay foundation for a hearing on the issue before the Board of General Appraisers. Your committee has made arrangements with the United States Attorney in charge of customs cases for permission to intervene in the event the protest comes to trial."

The statement refers to the effort of a domestic manufacturer of double refined nitrate to obtain from the Treasury Department a classification which would have the effect of imposing a duty of 25 per cent ad valorem upon all importations of nitrate testing above 95 per cent.

On Sept. 16 last, after protest by the Manufacturing Chemists Association, the Treasury gave a decision continuing nitrate of soda on the Free List.

The report of the Executive Committee also says that Secretary Hoover has arranged for monthly reports on importations of a more comprehensive list of chemicals, and to have an intensive survey made of foreign markets with a view to stimulating export trade in chemicals.

Other subjects discussed in the report are the Cramton Bill, Stream Pollution, the Tariff Commission, Multiple Unit Tank Cars, Transportation of Poisons, and Benzol Poisoning.



## The Intermediate and Dye Market

**Current Spot Quotations for Intermediates, see Chemicals pages 1726-1744**

### PYRIDINE DECLINES SHARPLY TO \$4.25

Lack of Demand the Cause—Benzene Very Firm at Recent Advance—Solvent Naphtha and Toluene in Active Demand—Naphthalene and Cresylic Acid Unchanged—Intermediates Show No Change—Movement Slightly Better—Prices Firm on Most Products.

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced  
No Advances  
Declined  
Pyridine, 25c gal.

	Trend of the Market			Last Year	War Peak	Pre-War
	Today	Last Week	Last Month			
Benzene, pure .....	gal. \$24	\$23	\$23	\$25	\$1.10	\$25
Naphthalene flake .....	lb. .05	.05	.05	.05½	.16	.08
Phenol Spot .....	gal. .24	.24	.24	.29	1.50	.08
Toluene .....	gal. .26	.26	.26	.26	..	..
Aniline Oil .....	lb. .16	.16	.16	.16	1.40	.10½
Alpha-naphthylamine .....	lb. .35	.35	.35	.35	1.28	..
Formaldehyde .....	lb. .70	.70	.70	.75	..	..
Betanaphthol .....	lb. .24	.24	.24	.26	1.50	.08
Dimethylaniline .....	lb. .32	.33	.33	.36	1.80	..
Paranitroaniline .....	lb. .58½	.58½	.60	.70	1.58	.18
Average .....	.314	.314	.316	.344	..	..

Distributors of light oils report an active demand and several factors are unable to offer any products for the present. Pure benzene has been advanced by some holders. The full effect of the recent strength of the gasoline market is being felt strongly. Holders of pyridine stocks report an absolute lack of demand and quotations have been lowered sharply. Naphthalene, cresylic acid and phenol occupy unchanged positions.

Manufacturers of intermediates report a steady movement of supplies and although an improvement is noted in the demand the volume moving is only routine. Prices of intermediates have shown no change over the week and quotations remain firm on most products.

#### Crudes

**Benzene**—Distributors report a heavy demand and factors with available supplies are quoting prices firm at last week's advance. Benzene 90% is very firm at 23c gal. in tanks and 28c gal. in drums at ovens. Pure is still named at 24c gal. in tanks and 29c gal. in drums although some factors are quoting 25c gal. in tanks and 30c gal. in drums. The heavy demand and the firm condition is expected to hold due to the fact that the gasoline market is apparently firm and consumers are anxious to cover.

**Cresylic Acid**—Situation shows no change and holders of stocks are firm in their quotations. Only a few strong hands are in possession of any great quantities of the material.

**Naphthalene**—No improvement reported in the situation and makers who are in control of the market name firm prices at recent figures.

**Phenol**—Prices remain unchanged and factors are reporting a steady condition.

**Pyridine**—An absolute lack of demand has brought

about a sharp decline in prices. Factors are naming prices of \$4.25@\$4.35 per gal., drums included. A further break is likely if a demand does not make its appearance shortly.

**Solvent Naphtha**—Active demand reported by distributors for all available offerings. Prices are being firmly maintained at unchanged figures in all quarters.

**Toluene**—Several factors report a sold-up condition and prices are showing no variation in quarters where offerings are to be had.

**Xylene**—Market very firm for the commercial product and factors are still under pressure to supply the demand. Other grades are also in active request. Prices on all grades are unchanged.

#### Intermediates

**Acid Gamma**—Fair demand reported by makers who quote recent prices.

**Acid H**—Selling competition remains keen for the few small orders in the market. Manufacturers are quoting unchanged prices without exception.

**Acid Laurent's**—No change in quotations reported and market is quiet.

**Acid Metanilic**—Makers remain firm in prices although only slight movement is reported.

**Acid N & W**—Fair movement of supplies reported by makers who name firm unchanged prices.

**Aniline Oil**—A large volume continues to move to consumers and the market is steady with prices very firm in all quarters at unchanged figures.

**Dimethylaniline**—Market steady and all manufacturers are firm in their quotations at 32c lb. in carlots, and 33c@34c lb. in less than carlots. While the demand is not active large quantities are moving to consumers on contracts.

**Dinitrobenzene**—Makers name firm unchanged prices and report a fair request.

**Ethyl-benzyl-aniline**—Quotations remain at \$1.05@\$1.10 lb. with manufacturers reporting only a routine demand.

**Meta-nitro-para-toluidine**—Steady movement of supplies reported by manufacturers who quote prices at last week's reduction to \$1.90@\$2.00 lb. as to quantity.

**Nitrobenzene**—Firm condition reported in all quarters and the movement of supplies is of satisfactory proportions.

**Ortho-anisidine**—Slight demand reported by makers although prices are firm and unchanged.

**Ortho-nitro-toluene**—Occasional offerings are found on the market although most factors have nothing to offer and quotations are nominal.

**Ortho-toluidine**—Situation remains unchanged and most makers have no supplies available and quotations are nominal.

**Para-nitroaniline**—Market firm at recent reduction to 58½@60c lb. Steady demand reported in all quarters.

**Para-toluidine**—Market remains in a weak condition and makers are holding large stocks with only a slight demand. Quotations show no change since there is no visible consumption for the large stocks.



# GRASSELLI CHARGES INFRINGEMENT

**Patented Dyestuffs of Bayer Manufacture, for Which Grasselli Is the Only Licensee Under United States Patent, Illegally Imported and Sold at Lower Prices, Says Company—Appeal to Consumers**

Grasselli Dyestuff Corp., New York, report that certain patented dyestuffs of Bayer manufacture of which they are the only licensee under U. S. patents held by Grasselli Chemical Co. are being illegally imported and sold at lower prices through other channels. In order to maintain their rights in the matter they are appealing to the consumers of these colors asking their co-operation in preventing any infringement of patent rights by placing their orders direct with Grasselli Dyestuff Corp. or with legitimate dealers.

Grasselli Dyestuff Corp. claims that the colors which are being offered in this illegitimate manner are not secured direct from the manufacturer and are obtained in most instances at prices far below the home market value in Germany which represents the basis upon which Grasselli Dyestuff Corp. pays for these products.

A copy of a letter that Grasselli Dyestuff Corp. is sending to a large number of consumers accompanied by an extract from the list of patented colors controlled by the company follows:

Gentlemen:—

For your information, we are sending you herewith, an extract from the list of patented colors manufactured by the Farbenfabriken vorm. Friedr. Bayer & Co. The Grasselli Chemical Co. own the American patents on these products and has granted the Grasselli Dyestuff Corp. sole license for the importation of said patented colors. It has come to our attention, that certain of these patented products have been offered to the trade by concerns other than the Grasselli Dyestuff Corp.

No license has been granted since July 1, 1924, to anyone other than the Grasselli Dyestuff Corp. to import these colors. Therefore, the importation and sales of such patented products by unauthorized parties is an infringement of the patent rights licensed to this Company and will be prosecuted wherever possible.

We beg to express the hope that as a possible buyer of some of these patented products, you will co-operate with us by obtaining your requirements of same either direct from the Grasselli Dyestuff Corp. or thru such other reliable dyestuff firms whose reputation is a guarantee that they are offering these colors in a legitimate manner, consistent with our patent rights.

Yours very truly,

GRASSELLI DYESTUFF CORPORATION.

## DYESTUFFS COVERED BY U. S. PATENTS CONTROLLED BY GRASSELLI DYESTUFF CORP.

Acid Anthracene Red 2BL, 3BL	Cellit Fast Red R
Acid Chrome Red B	Cellit Fast Rubine B
Algol Bordeaux 3B	Chrome Brilliant Scarlet BD, GD.
Algol Brilliant Red 2B	Chrome Fast Red BD, GD
Algol Corinth R	Chrome Fast Scarlet BD, 2GD
Algol Pink R	Diamet Red 5B, 3G
Algol Red FF, 2G, 5G, R, R Ex.	Diazo Brilliant Scarlet BG Ex.
Algol Scarlet G	Diazo Fast Bordeaux BL
Alizarine Geranine B	Diazo Fast Red 5BL, 7BL
Alizarine Indigo Red B	Diazo Fast Scarlet BL
Alizarine Indigo Pink B	Diazo Geranine R Ex.
Alizarine Rubinoles 3G, 5G	Gallo Corinth GTC
Astrapholine FF Ex	Helio Bordeaux BL, 2B
Benzo Fast Bordeaux 6BL	Helio Fast Carmine CL
Benzo Fast Easine BL	Helio Fast Pink RL
Benzo Fast Red 6BL, 8BL	Helio Fast Rubine BL, 6B, RL, 2BL
Benzo Fast Scarlet 4FB, 8FB, 5BL	Paper Fast Bordeaux B
Benzo Fast Red G, 2GF	Radio Red G
Benzo Form Scarlet B	Rosol Red B
Brilliant Geranine 2BN	Rosol Scarlet G
	Supramine Red 2G

Algol Orange R	Benzo Form Yellow R, GL, GL Ex
Algol Brilliant Orange FR	Benzo Pure Yellow FF
Benzo Fast Orange 2RL	Brilliant Benzo Light Yellow GL
Benzo Form Orange G	Cellit Fast Yellow R
Chrome Fast Orange RD, RM	Chrome Brilliant Yellow 3G
Diazo Brilliant Orange 5G, GR Ex.	Diazo Light Yellow 2G, GL
Indanthrene Golden Orange 3G	Fast Light Yellow 2G, 3G, RG, GGN
Milling Orange G	Helio Fast Yellow RL, GL, 6GL, 8GL, H 10 G.
Suphane Orange 5G	Indanthrene Yellow 3GF
Toluylene Fast Orange GL	Leucol Yellow G
Acid Chrome Yellow GL	Radio Yellow R
Algol Yellow 3G, 3GL, R, WG, G	Supramine Yellow G, 3G R
Benzo Fast Yellow 4GL Ex, RL, FF	

Algol Olive R	Diazo Brilliant Green 3 G
Alizarine Indigo Green B	Diazo Fast Green BL, GF
Alkal Fast Green 10G	Diazo Olive G

Anthracyanine Green BL, 3GL	Gallo Viridine DP, GR, ND
Benzo Form Green FFL	Katigen Deep Green G Ex, K Ex.
Benzo Fast Green FF, FFG	Katigen Green GK Ex, 2GK Ex
Brilliant Hello Green GG Ex	KF Ex, MK Ex.
Chromoxane Green 2G, 2F	Suphane Acid Green 2BL, B
Algol Blue K, 3R, 3RP	Brilliant Hello Blue FF Ex, FFR
Alizarine Fast Blue BHG	Brome Indigo FB, FBD, FRP
Alizarine Indigo E, G, 3R, 7G, R, 3RB, 5R, 7R.	Cellit Fast Blue R
Alizarine Sky Blue 3R	Chromoxane Blue R, RD
Alizarine Uranole 2E, R	Diazo Brilliant Blue 2BL Ex
Benzo Form Blue B, 2BL, G Ex	Diazo Indigo Blue 4GL Ex, 2BL Ex, 3BL, BL.
Benzo Sky Blue B, 3G, 3GL	Helio Marine Blue, RL
Portland Discharge Blue B	Mono Chrome Black Blue G
Gallazurine B, R	Mono Chrome Blue 3G, R, 5R.
Gallo Navy Blue RN, W&N	Supramine Blue R
Gallo Phenolic Powder B	Victoria Navy Blue DK, E, L, LH.
Half Wool Blue RB, 3R	Wool Fast Blue BL, GL, 5G Ex

Algol Brilliant Violet B, 2B, R, RP	Chromoxane Brilliant Violet SB SR
Algol Violet B	Chromoxane Violet B, BD, 5B, 5BD, R, RD
Alizarine Astrole Violet B	Diazo Fast Violet 3RL, BL
Benzo Fast Heliotrope B, BL, 2BL, 4BL, 2R, 2RN, 2RB 5RH	Gallo Corinth GD
Brilliant Benzo Violet 2RH	Gallo Heliotrope BD
Brilliant Chrome Violet BD	Victoria Fast Violet B ex 2R ex
Cellit Fast Violet 2R	Wool Fast Violet B
Chrome Brilliant Violet BD	

Acid Anthracene Brown P	Katigen Yellow Brown ON, R Ex.
Algol Brown G, R	GGI, RL, RL Ex, 3RL Ex, RD, BK
Alizarine Indigo Brown R	MonoChrome Brown G, 3G, 5R, V, T
Alizarine Fast Brown GL	Pluto Brown R
Anthracyanine Browns	Suphane Acid Brown 2R, 4R.
Benzo Fast Brown GL, 3GL, RL	Supramine Brown R, G.
Cellit Fast Brown	Toluylene Fast Brown 3G, 2R
Chromoxane Brown R, 5R.	Cellit Fast Brown
Diazo Brown 3G, 6G, NR, 3R, 3RB.	Chromoxane Brown R, 5R.
Indanthrene Brown RT, GG, FFR	Diazo Brown 3G, 6G, NR, 3R, 3RB
Indanthrene Yellow Brown 3G	Indanthrene Brown RT, GG, FFR
Katigen Red Brown RK	Pluto Brown R
Katigen Prunze GL.	Suphane Acid Brown 2R, 4R
Katigen Cutch GK, 5 RL	Supramine Brown R, G
	Toluylene Fast Brown 3G, 2R

Algol Black B, CL, FB, JBS, PB, RO	Diamond Black PG Ex
Algol Grey B, 2B	MonoChrome Black F
Alizarine Indigo Grey B	Naphthylamine Black 4BL, 5GL
Alizarine Indigo Brown B	Pluto Black RS Ex, 5BS Ex, TG Ex
Benzo Fast Grey BL	Radio Black SB
	Supramine Black BR

Celloxan

Indanthrene Yellow GK	Katanol O, W.
Indanthrene Orange G RTK	Indanthrene Orange BRK
Indanthrene Brown R	Indanthrene Brown G
Indanthrene Corinth RK	Indanthrene Red 5 GK
Indanthrene Brilliant Violet BRK	Indanthrene Violet RK
Indanthrene Olive R	Indanthrene Blue RK
Indanthrene Grey GK	Indanthrene Grey K

## ESSEX ANILINE FILES REPORT

Essex Aniline Works, Inc., Boston, with New York office at 117 Hudson St., has filed the following financial statement in Massachusetts for the year ended Dec. 31, 1924:

Assets: Real estate, \$32,961; machinery, \$33,738; furniture, fixtures and tools, \$2,288; autos, trucks and teams, \$251; merchandise, \$45,956; accounts receivable, \$18,830; cash, \$4,052; securities, \$600; deferred assets, \$23,618; deficit, \$96,129; total, \$258,423. Liabilities: Common stock, \$85,175; mortgages, \$17,750; accounts payable, \$10,047; notes payable, \$145,000; consignment account, \$451; total, \$258,423.

The U. S. Supreme Court has issued a writ of certiorari in the Butterworth-Judson case, and will pass upon the Government's claim to priority over other secured creditors in the payment of money due from the corporation.

An opportunity for advanced study and research in the chemistry of dyes is offered to students and textile engineers by the Massachusetts Institute of Technology.

A. F. Butler, of R. W. Greeff & Co., has been elected honorary treasurer of the British Chemical and Dyestuffs Association.

## The Oil Market

Current Spot Quotations of Oils, Greases, pages 1744-1745

### VEGETABLE AND ANIMAL OILS ADVANCE

**Broad Upward Movement Reported—Chinawood Oil Up—Coconut Oil Advances—Linseed Oil Advances After Decline—Palm Niger and Palm Kernel Higher—White Sesame Up, Yellow Down—Cottonseed Oil Firmer—Tallow, Stearine, Lard Oil and Oleo Oil Advance**

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

##### Advanced

Chinawood Oil, ½c lb.	Palm, Niger, ½c lb.
Coconut Oil Ceylon, ¼c lb.	Palm Kernel, ¼c lb.
Lard Oil, Prime 1c lb.	Rapeseed, Blown, 1c gal.
Linseed Oil, 1c gal.	Sesame, White, ¼c lb.
Oleo Oil, ¼c to ½c lb.	Stearine Oleo, ¼c lb.
Olive Oil Foots, ½c lb.	Tallow, Edible, ¼c lb.

##### Declined

Palm Lagos, ¼c lb.	Sesame, Yellow, ¼c lb.
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#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Cod Oil, N. F.....gal.	\$.62	\$.62	\$.62	\$.64	\$1.26	\$.26½
Degras, American, bbl...lb.	.04¼	.04¼	.04¼	.04¼	.23	.08½
Lard No. 1.....gal.	.85¼	.85¼	.85¼	.79	2.90	.92
Menhaden, crd. tks.....gal.	.55	.55	.55	.50	1.20	.33
Neatsfoot, 20 deg. c.t.gal.	1.22½	1.22½	1.22½	1.38	3.45	.95
Ped Oil, distilled.....lb.	.12	.12	.12	.09	.17	.07
Stearic Acid, T. P.....lb.	.16¼	.16¼	.16¼	.13¼	.33	.12
Coconut, Ceylon, bbls...lb.	.10¼	.10¼	.10¼	.19	.30	.14
Cottonseed, crude, tankslb.	.09¼	.09¼	.09¼	.08¼	.25	.08
Linseed, crude.....gal.	1.08	1.07	1.03	.94	1.85	.57
Olive, denatured.....gal.	1.15	1.15	1.15	1.21	4.50	1.05
Peanut, refined.....lb.	.15	.15	.15	.15¼	.30	.08
Soya Bean, bbls.....lb.	.12¾	.12¾	.12¾	.12	.19¼	.07
Average .....	2.204	2.04	2.272	2.21	5.92	1.56

The strong tone that has been present in the fatty oil market during the last few weeks became more evident during the past week when prices were advanced on a large number of vegetable and animal oils. While the amounts of all the advances were rather slight still the fact that prices are advancing in a dull season instead of declining is a surprise to many. Stocks of imported products are small on spot and are in strong hands which accounts for the firm condition. A steady consuming demand continues in all quarters. Animal oils are moving in a large way and makers have advanced quotations on a great many items owing to greatly decreased stocks. Fish oils are maintaining a steady course and no price changes have been recorded.

#### Vegetable Oils

**Castor Oil**—Although prices remain unchanged in all quarters the demand is reported to be of small routine volume.

**Chinawood Oil**—Market has strengthened again and quotations are higher at 13¼c@13½c lb. for spot barrels. Tanks are not available on spot and at Pacific Coast are named at 12c@12¼c lb.

**Coconut Oil**—Ceylon has advanced to 9½c lb. in tanks due to increased request. Manila has also advanced and is quoted at 9½c lb. in tanks, and 10¼c@10½c lb. in barrels. Cochiti remains steady at 10c lb. in tanks, and 11½c@11½c lb. in barrels.

**Corn Oil**—Market steady at unchanged prices and factors report a fair demand.

**Cottonseed Oil**—Crude material is higher due to

heavy buying and is named at 9¾c lb. P.S.Y. is also higher and quotations are 10¾c@11¼c lb. as to position from June to Dec. with Sept. bringing the highest prices.

**Linseed Oil**—Market continues unsettled and although prices were cut 1c gal. during the week they were advanced 2c gal. at the close, making a net advance over last week's quotations of 1c gal. Consuming interest is small and consumers are apparently waiting for a sharp break in the market. Crushers quote carlots of barrels from June to Aug. at \$1.08; tanks \$1.02; 1-c-1 \$1.11. Seed markets opened this week as follows: Winnipeg July \$2.49¼; Oct. \$2.29¼; Duluth July \$2.78; Sept. \$2.52½; Oct. \$2.47½; Minneapolis July \$2.74; Sept. \$2.47¼; Buenos Aires June \$2.21¼. London quotes linseed oil at 46s, and Antwerp names 444f.

**Olive Oil**—Market unchanged and firm holders name recent prices of \$1.15@1.20 while these prices are being cut in other quarters.

**Olive Oil Foots**—Firmer condition reported in this market and although some small lots might be available at lower prices factors are generally quoting spot and shipment at 8½c@8¾c lb.

**Palm Oil**—Niger is very firm and higher at 8½c@9c lb. in most quarters although some factors are quoting prices above these in anticipation of a further advance shortly. Lagos is easier and lower quotations are given at 9¼c@9½c lb.

**Palm Kernel Oil**—Higher prices named owing to small stocks and large volume moving. Holders now quote 10½c lb.

**Perilla Oil**—Quotations are unchanged and importers are having no difficulty in maintaining their schedules.

**Rapeseed Oil**—Raw oil is in steady demand at unchanged prices and supplies are not large on spot. Foreign market remains firm. Prices on Blown oil have been advanced to \$1.15 gal.

**Soya Bean Oil**—No change reported in the situation and the demand remains of proportions sufficient to make prices firm.

**Sesame Oil**—White oil is higher at 14¼c@15c lb. owing to small stocks. Yellow has declined to 13c@13½c lb. due to slight movement of supplies.

#### Animal Oils

**Greases**—White is easy at 12c lb. Yellow is steady at 8½c lb. Other grades are firm at unchanged quotations.

**Lard Oil**—Edible prime has been advanced again and is named at 19¾c lb. Other grades are moving in a satisfactory manner and stocks are not accumulating in any quarter.

**Oleo Oil**—Makers have again advanced their schedules owing to a heavy demand and quote No. 1 at 13¾c@14c lb.; No. 2 at 12½c@12¾c lb.; No. 3 at 11c@11¼c lb.

**Stearine Oleo**—Higher quotations named by manufacturers owing to increased demand and quotations are now given at 12c lb.

**Tallow**—Edible recorded another advance over the week and is now changing hands at 9¼c@10c lb. City extra remains at 8¾c lb.

**Tallow Oil**—Quotations are unchanged from makers who report a steady demand for all available supplies.

**Fish Oils**

**Cod Oil**—Holders of stocks continue to maintain a firm market and although the demand is only a slight routine one no distressed lots have thus far appeared.

**Menhaden Oil**—Prices show no variation in any quarter and factors are reporting a fair consuming demand.

**Sperm Oil**—Steady market reported and prices are being held unchanged from all dealers.

**VEGETABLE OIL IMPORTS COMPARED**

Imports of vegetable oils for the ten months ending April, 1925, compared with the imports for the ten months ending April, 1924, are as follows: Chinawood oil 80,678,447 lbs., valued at \$9,448,902, against 69,723,620 lbs., valued at \$12,280,157; coconut oil 215,970,005 lbs., valued at \$17,346,482, against 137,850,432 lbs., valued at \$10,513,327; palm oil 92,048,954 lbs. valued at \$7,008,834, against 71,294,105 lbs., valued at \$4,783,127; peanut oil 3,137,606 lbs., valued at \$345,038, against 9,705,714 lbs., valued at \$859,587; rape oil 1,632,846 gals., valued at \$1,172,424, against 1,546,655, valued at \$1,011,168; linseed oil 19,864,491 lbs., valued at \$1,778,983, against 17,271,987 lbs., valued at \$1,820,909; soya bean oil 16,347,773 lbs., valued at \$1,247,204, against 15,724,112 lbs., valued at \$1,029,711.

Flaxseed imports for the ten months ending April, 1925, compared with the corresponding period a year ago total 9,937,919 bus., valued at \$22,702,112, against 13,403,264, valued at \$26,150,629. Of the total imports for 1925 Argentina delivered 7,217,350 bus., valued at \$16,138,636; Canada delivered 2,697,155 bus., valued at \$6,449,762. For 1924 Argentina exported to this country 10,946,224 bus., valued at \$20,896,582, and Canada sent in 2,415,140 bus., valued at \$5,163,155.

**E. H. LAING ON MARKET MOVEMENTS**

A bull market appears to be ahead in fatty oils in the opinion of Edgar H. Laing of New York who points out that lard is steadily advancing and as a consequence the entire market is moving upward. That prices are rapidly advancing despite a very quiet condition here causes one to look to the export market for the cause. Heavy exports of lard continue and tallow is tending upward. Unless consumers in this country cover their requirements quietly now before the real strength of the market becomes fully realized they will cause a stampede and will run into a situation such as existed last Summer when tallow prices advanced rapidly during July and August. Consumers are too apt to take for granted the fact that prices should slump at this time of the year without studying basic conditions. The bottom of the market appears to have been reached in the entire list of vegetable and animal oils and much higher prices will no doubt be reached before another month is up.

A. S. Carr, a prominent naval stores man will build a central distillery in Savannah, Ga., where he will employ a French process to produce a high grade of rosin from the crude gum.

A plant for extracting vegetable oil from copra, peanuts and soya beans is being built in British Columbia, by Canada Vegetable Oils, Ltd., with headquarters at Vancouver.

**COTTONSEED OIL PRICES ADVANCING**

**P. S. Arthur Says Depression During the Winter Was Due to Over Speculation**

That the present position of prime summer yellow cottonseed oil is strong is the opinion expressed by P. S. Arthur, oil dealer, New York, in an interview yesterday. Mr. Arthur who returned from Europe recently and whose bearish attitude of the past Winter has been borne out is now very bullish as to prices. With crude oil bid at 9 $\frac{3}{4}$ c lb. and refining and shipping costing 2 $\frac{1}{4}$ c lb. selling levels are still low. The advance of 1c lb. over the past two weeks makes it appear that prices have passed bottom.

The continued depressed condition of the market was caused by over-speculation which left most large operators in a long position. Since that time heavy liquidation has gone on and this now appears to have been completed, leaving holders with smaller stocks that they will probably offer in a merchandising way.

Lard prices are now 6 $\frac{1}{2}$ c lb. above prime summer yellow oil and the high market for lard has resulted in German producers substituting vegetable oils for lard in margarine and exports of lard have decreased 43 per cent. Peanut oil has advanced 1c lb. as a result of this substitution and other vegetable oils also have strengthened in the foreign markets. These markets are expected to dry up and a heavy demand will no doubt be felt for prime summer yellow oil for export.

**PRODUCE EXCHANGE ELECTS OFFICERS**

At the annual meeting of the New York Produce Exchange held recently the following officers were unanimously elected: President, J. Barstow Smull; vice-president, B. H. Wunder; treasurer, W. B. Pollock; managers for two years, L. W. Forbell, L. W. Forbell & Co.; W. A. Johns, Swift & Co., Inc.; W. W. Starr, W. W. Starr & Co.; Winchester Noyes, J. W. Winchester & Co.; J. E. Seaver, Dawson & Seaver, and H. A. Schafuss, Power, Son & Co.; inspectors of election, J. B. Donnell, John Bohnett, Jr.; A. P. Tefft, G. H. Gunn, E. W. Vanalstyne; trustee of gratuity fund to serve full term of three years, E. R. Carhart.

**LINSEED OIL DECISION FORECAST**

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 10—A decision is expected this week by the Customs Service of the Treasury Department in the linseed oil case to the effect that 95 per cent linseed oil with 5 per cent soya bean oil should be entered as linseed oil and not as mixed oil, as contended by the importers. The decision will be appealed by the importers.

Exports of Chinawood oil from Hankow during April, 1925, totaled 8,266,000 pounds, of which 7,664,000 pounds, valued at \$926,000 were sent to the United States, compared with 5,315,250 pounds, valued at \$879,920, in April, 1924. Prices were highest on April 1 and April 14, being 18.20 taels per picul, and lowest on April 30, 17.50 taels, writes Consul General Heintzleman, Hankow.

Gold Dust Corp., which is erecting a plant in Baltimore has obtained a permit for one five-story, one four-story, one two-story and two one-story brick buildings on the northwest corner of Fifth ave., and 22nd st. One of the buildings is to be 220 by 100 feet, one 90 by 74 feet, one 77 by 74 feet, two 82 by 82 feet. The cost is given as \$200,000.

## Miscellaneous Raw Materials

- Heavy Chemicals 1726-1744; Tan and Dyestuff, 1726-1744; Fatty Oils 1744-1745

### SUMAC PRICES AGAIN MOVE HIGHER

Ground Up \$2 and Leaf \$5 Ton—Another Break in Rosin Prices With All Grades Down Sharply—Myrobalans Continue High—Better Demand for Logwood—Albumens Strong

#### PRICE CHANGES IN NEW YORK

(Stock in First Hands)

##### Advanced

Sumac, ground, \$2 ton.  
Sumac, Leaf, \$5 ton.

Tin,  $\frac{1}{4}$  c lb.  
Turpentine, 1c gal.

##### Declined

Antimony, 1c lb.  
Copper,  $\frac{1}{4}$  c lb.  
Resin Oil, 2c lb.

Rosin: B, D, E, 85c 280 lb.  
F, G, H, I, 75c 280 lb.  
K, 45c 280 lb.  
M, N, W, G, W, W, 25c 280 lb.

Generally quiet markets were noted for miscellaneous raw materials for leather, rubber, textile, and allied fields this week. Demand was better in some products and business showed some expansion, but buying as a whole was confined to small quantities. Higher prices were noted for ground and leaf sumac. Myrobalan prices continue high. Another sharp break in rosin quotations was noted. Turpentine prices were up slightly. Rosin oil was down. Antimony was lower as was copper metal. A slight advance in tin metal was reported.

### ACCELERATORS

Diphenylguanidine is in heavy demand at 95c@98c lb. Ethylideneaniline is steady at unchanged prices. Hexamethylene is firm in all quarters at 82 $\frac{1}{2}$ c@85c lb. Triphenylguanidine shows no variation from 69c@73c lb.

### ALBUMENS

There has been no change in this situation, with considerable strength shown by the egg albumen at \$1.20 @ \$1.25 lb. for edible grade. There has been less competition with frozen eggs this year than there was last year and prices are much firmer. Blood and vegetable albumens are also firm at unchanged prices.

### CLAYS AND FILLERS

Prices continue stable at former figures for all materials in this classification with some improvement in demand seen for barytes. Blanc fixe, whitening and talc are comparatively quiet at present with routine business being done in china clays in the way of filling contracts made earlier in the year.

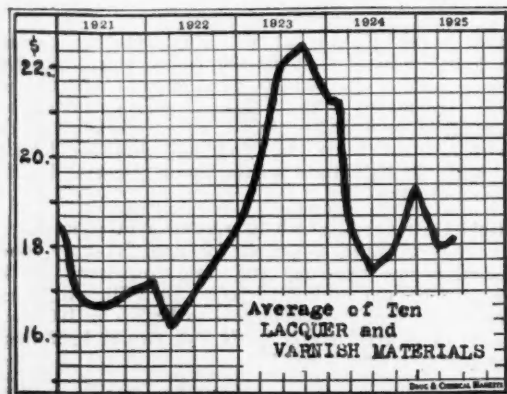
### COLORS AND PIGMENTS

Keen competition continues to be reported in iron blues although quotations remain at 33c@35c lb. Chrome yellows are reported shaded in some instances from quotations of 18c@19c lb. Chrome greens are easy at unchanged prices. Carbon black is firm from first hands at 6c lb. for carlots of bags.

## Lacquers and Varnishes

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetone, c/l, drs. wks 10lb.	\$1.20	\$1.20	\$1.00	\$1.53	\$5.50	\$1.05
Butyl Al. drs. wks. 10lb.	2.48	2.53	2.60	3.20	..	..
Chinwd. Oil, bbls NY 10lb.	1.33	1.28	1.30	1.36	2.00	.63
Copal Congo, Amber 10lb.	1.00	1.00	1.00	1.25	1.90	1.80
Fusel Oil, .....	2.65	2.65	2.75	2.50	4.00	2.50
Lac. Benz. tks wks 10 gal.	2.30	2.36	2.20	2.40	3.00	2.50
Linseed Oil, c/l bbls gal.	1.08	1.07	1.03	.94	1.88	.53
Rosin, F grade, NY. 28lb.	.94	1.02	.97	.57	1.70	.43
Soluble Cotton .....	4.00	4.00	4.00	4.00	..	..
Turp., c/l ex-dock ..gal.	1.02	1.01	.96	.86	.70	.49

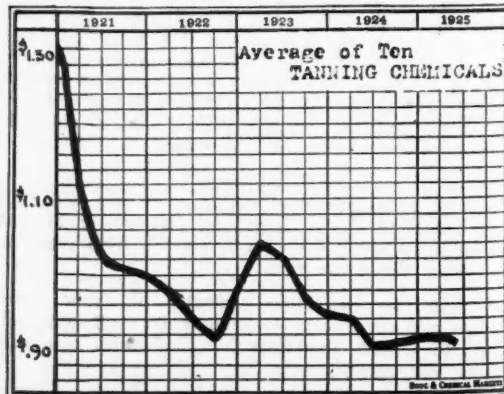
Average ..... 1.800 1.806 1.781 1.861 .. ..



## Leather Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28% .....	\$ 3.00	\$ 3.00	\$ 3.12	\$ 3.12	\$17.00	\$ 1.50
Acid, Formic, 99% .....	.11	.11	.11	.13	1.50%	.07
Acid Lactic 22% dark .....	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.08	.07	.02
Potassium Bichromate ....	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.09 $\frac{1}{2}$	.65	.06 $\frac{1}{2}$
Epsom salt tech .....	1.70	1.70	1.70	1.80	3.75	1.00
Sodium Prussiate, Imp. lb.	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10	.10	1.25	.18
Soda Ash, 48% wks. ....	1.38	1.38	1.38	1.38	4.10	.69
Sodium Bichromate .....	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.07 $\frac{1}{2}$	.45	.04 $\frac{1}{2}$
Sodium Hyposulfite, pea..	2.50	2.50	2.50	2.75	3.75	1.80
Sodium Sulfide, 60% wks..	.04	.04	.04	.03 $\frac{1}{2}$	.10 $\frac{1}{2}$	.02 $\frac{1}{2}$

Average ..... 0.905 0.904 0.916 0.956 3.267 0.528





### DYE AND TAN WOODS

**Divi Divi**—Prices remain firm at \$53@55 ton for all goods that are brought into this country although many consider that this is too high a figure.

**Myrobalans**—There has been no change in the situation with regard to these pods with demand fairly active but prices at high levels of \$71@72 for J1's, \$50@52 for R2's and \$53@54 for J2's.

**Quebracho**—No new developments are seen for this bark with demand steady and prices firm.

**Sumac**—This item has again strengthened, following heavier buying both in this country and in Europe at the recent low levels and the price is now up to \$120 ton for the ground and \$155 for the leaf. Imports for last week, 1,050 bags.

**Valonia**—No change is in evidence for this product with the cups steady at \$37@38 ton and beards at \$55@56 ton.

**Wattle**—This continues to be one of the most active of the group and prices are steady at \$44@47 ton. Imports for last week, 3,230 bags.

### EXTRACTS

**Archil**—No change is seen here with stocks and demand both small and prices unchanged.

**Chestnut**—Fair activity characterizes this item at the recently reduced price of 1½¢ lb. in tanks for the 25% with powdered at 5½¢ in bulk.

**Cutch**—Some imports were noted last week but prices remain unchanged with demand not very great.

**Divi Divi**—Prices continue steady with demand of a routine nature only.

**Fustic**—No new developments are seen in this extract with prices unchanged.

**Hematin**—Although increased strength is reported in this extract, prices are unchanged at former figures.

**Logwood**—Increased strength is seen in this extract due to a slight improvement in demand and prices are firmer at former levels of 8¼¢@8½¢ lb. for the liquid and 12¢@15¢ for solid.

**Mangrove**—Imports of 1,000 bags through New York were received last week. Prices remain unchanged at former figures.

**Myrobalans**—Demand continues slight with prices firmly maintained at former figures.

**Quebracho**—No change in demand or price. Imports for last week, 2,000 bags.

### FERTILIZERS

Little business is being done at present as manufacturers are mostly attending the convention at White Sulfur Springs and no one is buying. The imminence of the spring inventory season of fertilizer manufacturers is also causing a poor demand at the moment. Prices in organic ammoniates, phosphates, ammonium sulfate cyanamid and potash salts are unchanged and few new developments are expected before next month.

### INSECTICIDES AND FUNGICIDES

Calcium arsenate is quiet and a recent Government order was taken by a large maker at 7¢ lb. while lower prices can be done in the south. Lead arsenate has shown only a slight improvement in demand and the market remains easy. Paris green is moving in slight routine volume.

### METALS

Antimony eased off during the week to 16¢@16½¢ lb. Copper is off ¼¢ lb. to 13½¢@13¾¢ lb. for Lake, and 13½¢@13¾¢ lb. for electrolytic. Tin is slightly higher

at 55½¢ lb. Lead is fairly steady at New York at 8¼¢ lb., while at East St. Louis it is higher at 8½¢ lb. Zinc remains at 7¾¢ lb. at New York, and 7¢ lb. at East St. Louis.

### NAVAL STORES

Rosins are all lower due to a decreased pressure in the demand. Common and medium grades suffered the greatest declines. Closing quotations are: B \$7.90; D \$8.15; E \$8.40; F, G, H, I \$9.40; K \$10.05; M \$10.75; N \$11.50; WG \$12.75; WW \$14.25. Turpentine advanced to \$1.02@1.05 for spirits. Rosin oils are lower at 56¢@58¢ lb. for first run, and 59¢@61¢ for second run.

### (Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., June 6—Rosins closed firm at prices from 25¢ to 70¢ lower than last week. Fine grades continue to gain in strength and medium and common grades continue to lose ground. Closing quotation are: B \$6.60; D \$6.85; E \$7.10; F, G, H, I \$8.05; K \$8.75; M \$9.25; N \$10.00; WG \$11.25; WW \$12.50; X \$12.75. Receipts for week 12,404 bbls.; stock today 74,803 bbls.

Turpentine closed firm at 93¼¢ which is 2¾¢ gain over the week. An active demand was present both from domestic and foreign buyers. Heavier receipts are expected to keep the price from going much higher. Receipts for the week totaled 4,030 bbls.; stock today 7,881 bbls.

Jacksonville, Fla., June 6—Turpentine closed firm at 94¼¢ with all offerings taken. The demand is urgent at present. Rosins closed firm at following prices: B \$6.60; D \$6.85; E \$7.10; F, G, H, I \$8.05; K \$8.75; M \$9.25; N \$10.00; WG \$11.25; WW \$12.50; X \$12.75. Stocks of turpentine total 14,368 bbls.; rosins 75,005 bbls.

### STARCHES, DEXTRINS AND SIZES

Demand for British gum, starches, dextrins, glues and amber sorts, continues to be of a hand to mouth nature with little activity shown. Prices are well maintained at recently announced levels, due, for the most part, to high costs of raw materials.

### TESTING NEW COAGULANTS FOR RUBBER

A new coagulant for rubber is being tested in Java. Sodium bisulfite, hitherto used, has been supplanted by "pyrosulfite," which is entirely free of moisture and contains up to 67 per cent. of SO<sub>2</sub>, whereas ordinary sodium bisulfite contains only 61 to 62 per cent. The chief advantage of the new product is that it may be kept in good condition for a longer period than ordinary bisulfite. However, it still has to stand the test whether the longer durability applies to the tropics as well.

Acetic acid has a rival in formic acid from Europe and the United States, and has proved very practicable and is about 50 per cent cheaper than acetic acid. However, the Rubber Experimental Station advises planters to await the results of experiments and to see whether the rubber coagulated by means of formic acid keeps as well as when treated with acetic acid, and arrives in good condition in the United States.

Argentina has reduced the export duty on quebracho log to 69 centavos per ton for June from 71 centavos in May, Commercial Attache Feely cables from Buenos Aires. The duty on quebracho extract has been increased to 1.01 pesos per ton for June from 92 centavos in May.



## FAST COLOR PROBLEM DISCUSSED

### Converters and Finishers Condemn Misrepresentation of Fastness in Cotton Goods

The Converters Association gave a dinner at the Hotel Pennsylvania, New York, on Monday evening, to discuss with the National Association of Finishers of Cotton Fabrics the question of misrepresentation of fast colors and to fix responsibility if possible on either the dye industry or the textile trade. At the guests' table were Joseph K. Milliken, president of the Finishers' Association; M. J. Warner, president of the Converters' Association; Henry B. Thompson, of the United States Finishing Co.; John E. Rousmaniere, president of the Association of Cotton Textile Merchants of New York; Richard T. Reeves, president of Hunter Manufacturing & Commission Co.; Henry Lawten, vice-president of the Converters' Association, Julius Siegbert, honorary vice-president of the converters' association; Edward T. Pickard, chief of the Textile Division of the Department of Commerce and Edward L. Greene, of the Associated Advertising Clubs of America.

President Warner of the Converters' Association read a message from Secretary Hoover saying that more can be accomplished through trade associations than by Governmental action.

Edward T. Pickard said there can be no compromise in any campaign to eliminate waste, pointing out that Secretary Hoover's reference to this issue embraced every fraudulent trade practice of every nature.

Other speakers were Joseph K. Milliken, president of Mt. Hope Finishing Co.; M. J. Warner and Edward L. Greene, of the Associated Advertising Clubs. Mr. Warner proposed that a committee of converters and finishers to work with the Associated Advertising Clubs and Cotton Textile Merchants as a Council for the industry. The committee will be appointed later and will report its findings and suggestions regarding fast color misbranding at a future conference.

## GRAPHITE PRODUCTION DECLINES

The graphite industry in the United States suffered a considerable set-back in 1924, according to the Department of the Interior, as shown by figures compiled by the Geological Survey in cooperation with the State geological surveys of Alabama and Michigan. The output in 1924 was 4,971 short tons, valued at \$87,510, compared with 6,038 tons, valued at \$190,944 in 1923. Of this output amorphous graphite amounted to 4,071 tons, a very slight increase compared with 1923, and crystalline graphite amounted to 900 tons (1,800,000 pounds), compared with 1,982 tons (3,964,000 pounds) in 1923, a decrease of 55 per cent. During the World War—both before and during our participation in it—the graphite industry in the United States flourished and reached its highest output and value. With the cessation of hostilities the demand fell off, and the sales decreased in 1919. In 1920, in line with the general prosperity, the output increased, but it fell off again and reached its lowest output and value in many years in 1921. In 1922 and 1923 the trend was upward and increases were made. The manufacture of artificial graphite at Niagara Falls, N. Y., also decreased in 1924, 10,986,192 pounds being manufactured, compared with 1923, when the output was 26,761,015 pounds.

Federated Metals Corp., Chicago, has been awarded a government contract for 15,000 lbs. slab zinc at 8.95c lb.

## ETHYL GAS EXPERTS NAMED

(Special to DRUG & CHEMICAL MARKETS)

Washington, June 10—The committee of seven experts who will submit a report to Surgeon General Hugh S. Cumming of the Public Health Service on what hazards are involved in the retail distribution and general use of tetra-ethyl lead gasoline has been named by the Surgeon General as follows:

Clinical Medicine—David L. Edsall, dean of Harvard Medical School and School of Public Health, and Chief of the Medical Clinic, Massachusetts General Hospital.

Physiology—Dr. William H. Howell, professor of physiology, Johns Hopkins Medical School, and Assistant Director Johns Hopkins School of Hygiene and Public Health.

Industrial Hygienists—Dr. A. J. Chesley, executive health officer, State of Minnesota; Dr. Reid Hunt, professor of pharmacology, Harvard Medical School; Dr. Waller S. Leathers, professor of preventive medicine, Vanderbilt University; Dr. Julius Stieglitz, professor of chemistry, University of Chicago, and Professor Charles Edward Amory Winslow, professor of public health, Yale Medical School.

The committee is to present its report to the Surgeon General before Jan. 1, 1926. It is believed that the report will be made considerably before that date.

The Southern section of the American Association of Textile Chemists will hold its Summer meeting at the George Vanderbilt Hotel, Asheville, N. C., Saturday, July 18. J. H. Zens, general manager of United Hosiery Mills Corp. will present a paper on "Multi-colored Effects on Hosiery," and Malcolm Mackenzie of Cramertown Mills, will read a paper on "The Reduction of Vat Colors Including Indigo."

The Salesmen's Association of the Dye and Chemical Industry, of Providence, R. I., will hold a frolic on Friday, June 19, at the Pomham Club, with clambake at 5 o'clock, following the ball game.

Girard Chemical Co. is moving its plant from Mt. Vernon, N. Y. to the former plant of Hawthorn Manufacturing Co., Fairfield, Conn., where 150 men are to be employed about June 15.

One dollar was paid for 7,000 shares of British-American Chemical Corp. of New Jersey stock, at an auction sale by Adrian H. Muller & Sons, 20 Vesey St., New York, on June 3.

Edwin W. Levering, president of Piedmont-Mount Airy Guano Co., Baltimore, died from a heart attack on May 27 at his home on Eutaw Place. Mr. Levering was 72 years old.

Clarence Morgan & Co.'s price list for June contains prices for the principal products handled and names the firms represented with the principal products of each.

The plants of Joslin-Schmidt Co., manufacturers of glues and fertilizers, Cincinnati, were sold to Edson S. Willaman of Chicago for \$200,000 at a sheriff's auction.

Henry Sundheimer, importer of chemicals, 103 Park ave., New York, returned from Europe last Friday on the S. S. Homerice.

The stock of T. Van Amringe & Son, grinders of abrasives, has been purchased by James H. Rhodes & Co.

### FLUORSPAR OUTPUT INCREASES

The shipments of fluorspar in 1924, as shown by a statement given out by the Department of the Interior compiled by Hubert W. Davis, of the Geological Survey amounted to about 124,914 short tons, valued at \$2,453,950, an increase of about 3 per cent. in quantity but a decrease of about 2 per cent. in total value compared with 1923. The reported average selling price f. o. b. mine shipping point decreased from \$20.68 in 1923 to \$19.65 in 1924. Colorado and Kentucky were the only States that recorded an increase in 1924. The shipments of fluxing grade fluorspar to steel plants and foundries showed an increase of about 11 per cent. in 1924, but the shipments of the higher grades of fluorspar recorded a decrease of about 28 per cent. The stocks of fluorspar at mines or at shipping points at the end of 1924 amounted to about 69,000 short tons. These stocks consisted of about 28,900 tons of crude fluorspar (which must be milled before it can be marketed), 32,400 tons of gravel fluorspar, 6,600 tons of lump fluorspar, and 1,100 tons of ground fluorspar. The imports of fluorspar into the United States in 1924—51,043 short tons, the largest quantity ever imported—were equivalent to about 41 per cent. of the domestic shipments of fluorspar, compared with 35 per cent. in 1923.

### NEW WORK ON COAL TAR ANNOUNCED

Messrs. Ernest Benn announce "The Industrial Application of Coal Tar Products," by H. M. Bunbury, M.Sc., A.I.C., and A. Davidson, E.Sc. This book provides a comprehensive survey of all those branches of industry which employ coal tar products as raw materials and is designed to appeal equally to producers and users of coal tar products. Producers will find a detailed summary of all the uses to which their products are put, which may possibly direct their attention to hitherto unexploited channels, and at the same time bring home the possibility of expanding their business by manufacturing some of the derived products themselves. Users of the products will find valuable information which should assist them to develop many associated products and profitable side lines. "Coal Tar Products" will be published next month.

### MONOGRAPHS ON OIL AND COLORS READY

The first three monographs on the oil and color industries which Dr. R. S. Morrell is editing for Messrs. Benn will be published immediately. They are "Cellulose Varnishes," by F. Sproston, B.Sc.; "Blacks and Pitches," by H. McK. Langton, M.A., B.Sc., A.I.C.; and "The Chemistry of Drying Oils," by R. S. Morrell, M.A., Ph.D., F.I.C., and H. R. Wood. The object of this series is to present a number of monographs on the most important branches of the oil and color industries, written by specialists who possess factory experience and adequate chemical knowledge. A thorough and critical digest of the published literature will be a feature of the series and descriptions of manufacturing processes will be included.

### FERTILIZER ASSOCIATIONS UNITING

The National Fertilizer Association and the Southern Fertilizer Association are holding a meeting at White Sulphur Springs, W. Va., from June 8 to June 12. The principal business before the meeting is the formation of a new association whose scope will include the fields now covered by both associations and whose headquarters will be at Washington where it can more readily co-operate with government departments in research work, gathering statistics and shaping legislation in the interest of the fertilizer trade.

### LEATHER CHEMISTS ELECT OFFICERS

The American Leather Chemists' Association elected the following officers at the twenty-second annual meeting at Atlantic City, June 5: President, J. S. Rogers, Morgantown, N. C.; vice-president, Caspar Druedling, Philadelphia; secretary-treasurer, H. C. Reed, New York; executive council, G. T. Creese, Danvers, Mass.; R. W. Frey, Washington; G. D. McLaughlin, Cincinnati.

Hiram S. Brown, New York, leather manufacturer, told the chemists that the United States should produce its own raw tanning materials instead of importing them. He protested the proposed tariff on hides. He said:

"More than 10,000,000 hides are needed each year in the United States for heavy leather products alone, and unless there is more killing of cattle we will have to buy hides from abroad, as, in fact, we have been doing. There are 441,495,000 cattle in the world," he said. "Of these India has 141,542,000, the United States 66,352,000 and Argentina 37,064,000. Yet in the United States the cattle kill has increased from 12,847,691 in 1920 to 14,733,075 in 1924, while the Argentine kill has doubled in that period."

### TEXTILE ALLIANCE ASSESSED \$1,286,356

The Commissioner of Internal Revenue has computed a tax liability of \$1,286,356 on the funds in the hands of the Textile Alliance, Inc., in respect to its operations from 1918 to 1922. A portion of these funds consists of balances remaining from the Alliance's charges in connection with the importation of wool, jute and other materials, the unexpended portion of which after payment of all charges, it is under contract to return to the principals for whom it acted.

The remainder of the tax is imposed upon funds accumulated in connection with the importation and distribution of dyestuffs under various agreements with the State Department. In most of these agreements it is provided that three-fourths of the funds accruing thereunder shall be paid to the Treasury Department subject to a recommendation of the Secretary of State that they be appropriated by Congress for educational and scientific purposes, the remaining one-fourth to be applied likewise to educational and scientific purposes under the supervision of the underwriters who made the transactions possible without profit to themselves. A protest will be filed by the Textile Alliance.

The feature of the dyestuff and chemical trade in Boston is the firmness with which prices are held. Although it cannot be said that concessions are unknown, it is a fact that they are by no means common. For dyestuffs there is a fair number of orders. Buyers of chemicals as a rule continue to take such supplies as they need in small quantities, but the aggregate movement is expanding a little. With the exception of acetic acid which is still very weak, and shellac which is a bit lower, prices are well maintained.

American Cynamid declared an extra dividend of  $\frac{1}{2}$  per cent on the common stock in addition to the regular quarterly dividend of 1 per cent. The regular dividend of  $1\frac{1}{2}$  per cent. quarterly also was declared on the preferred. All three dividends are payable July 1 to stockholders of record June 15.

The report of Casein Co. of America and subsidiaries for 1924 shows net income of \$204,076 after depreciation, compared with \$228,632 in 1923.

## QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending May 29, 1925

Bid	Asked	Bid	Asked
*Air Reduction .....	103	104	
*Allied Chem. & D. 91½			
*Allied C. & D., pf. 119½	120½		
*Am. Ag. Ch. ....	18½	19	
*Am. Ag. Ch., pf. ....	52½	53	
*Am. Chicle, pf. ....	54	55	
*Am. Chicle, pf. ....	105	110	
*Am. Cyan., pf. ....	123	128	
*Am. Cyan., pf. ....	83	86	
*Am. Druggist, S. ....	57½	6½	
*Am. Glue, pf. ....	47	50	
*Am. Glue, pf. ....	106	109	
*Am. Linseed, pf. ....	25½	28	
*Am. Linseed, pf. ....	69	69½	
*Am. Metal, pf. ....	46½	47	
*Am. Zinc, pf. ....	7½	7½	
*Am. Zinc, pf. ....	26	28	
*Archer Dan. Mid. ....	32½	33½	
*Archer Dan. Mid., pf. 36		38½	
*Atlas Powder, pf. ....	45	46	
*Atlas Powder, pf. ....	92½	94	
*By-Prod. Co., pf. ....	40	49	
*By-Prod. Co., pf. ....	102	105	
*Canad. Ind. Al. ....	16½	17	
*Canad. Salt, pf. ....	105	115	
*Casein Co. ....	62	66	
*Celluloid Co. ....	28	32	
*Celluloid Co., pf. ....	70	78	
*Certain-teed Prod. ....	48½	49	
*Charcoal Iron ....	10	10	
*Ches. Mfg. ....	60	61½	
*Ches. Mfg. pf. ....	113	115	
*Clark Co., Fred. ....	2½	4	
*Cleve. Cliffs Iron ....	70	75	
*Com. Solv. A. ....	80	90	
*Do B. ....	80	90	
*Corn Products, pf. ....	33½	33½	
*Corn Products, pf. ....	122	124	
*Davison Chem. ....	35	35½	
*Dow Chem. no par. ....	55	55	
*Dow Ch., pf. ....	98	102	
*Dow Drug Co. ....	140	140	
*Dow Drug Co., pf. ....	106	106	
*Du Pont, Deb. ....	97	99	
*Du Pont de Nem. ....	170	170½	
*Eastman Kodak, pf. ....	108½	108½	
*Eastman Kodak, pf. ....	111½	111½	
*Freeport Tex. ....	14½	14½	
*Gen. Asphalt, pf. ....	54	55	
*Gen. Asphalt, pf. ....	94½	97	
*Gold Dust ....	38½	39½	
*Grasselli, pf. ....	125	130	
*Grasselli, pf. ....	101	108	
Hercules Powder ....	104	107	
Hercules Powd., pf. ....	105	107	
Heyden Chem. ....	17½	17½	
Hooker Electro, pf. ....	12	15	
Hooker Electro, pf. ....	40	45	
*Household Products. 53½		56	
*Int. Agricult. ....	11½	11½	
*Int. Agricult. pf. ....	53	53	
*Int. Nickel, pf. ....	97½	98	
*Int. Nickel, pf. ....	97	97	
*Int. Salt ....	70	77	
*Mathieson Alk. ....	78½	80	
*Mathieson Alk., pf. ....	99½	100	
MacAnd. & Forbes. ....	154	157	
Merck & Co. pf. ....	50	53	
Merck & Co. pf. ....	84	86	
Mulford Co. ....	30	33	
*National Lead ....	148	151	
*National Lead, pf. ....	116½	117½	
*Niag. A., pf. ....	80	85	
N. J. Zinc ....	137	139	
Parke, Davis & Co. ....	77	80	
Penn Salt ....	81	83	
*Peoples Gas Ch. ....	117	118	
Procter & Gamble ....	124	127	
Procter & Gam., pf. ....	158	158	
Royal Bkg. Pow. ....	140	143	
Royal Bkg. Pow., pf. ....	101	103	
Shawinigan ....	149	149	
Sherwin-Will., 1st pf. ....	103½	105½	
*Sterling Prod. ....	63	63½	
Swan & Finch ....	16	17	
*Tenn. C. & Chem. ....	104½	104½	
*Tex. Gulf Sul. ....	107½	108	
Union Carbide ....	69½	70	
*Un. Drug ....	121	122	
*Un. Drug 1st pf. ....	55½	56	
*Un. Dyewood ....	104½	104½	
*Un. Dyewood, pf. ....	75	75	
Un. Gas Imp. ....	90½	91	
Un. Gas Imp. pf. ....	58½	58½	
U. S. Gypsum ....	170	171	
*U. S. Indus Al. ....	87½	88½	
*U. S. Indus Al. pf. ....	113	113	
*Va. Car Ch. pf. ....	169½	17	
*Va. Car Ch. ....	4	4½	
*V. Vivaudou ....	13½	13½	
Will & Baumer ....	1½	1½	

\*Listed on New York Stock Exchange

FOREIGN EXCHANGE	Par	Current
Great Britain (pound sterling) .....	\$4.866	\$4.85½
France (franc) .....	183	.047
Italy (lira) .....	193	.039
Belgium (franc) .....	193	.046
Czechoslovakia (crown) per hundred) .....	20.30	.029
Denmark (krone) .....	268	.187
Germany (mark) .....	238	.288
Holland (florin) .....	402	4.1
Norway (krone) .....	258	.168
Poland (zloty) .....	193	.192
Spain (peseta) .....	193	.145
Sweden (krone) .....	268	.267
Switzerland (franc) .....	193	.193
Argentina (peso) .....	424	4.01
Brazil (milreis) .....	324	.107
Japan (yen) .....	499	.401
India (rupee) .....	PR.	4
China (Silver dollar, Hongkong) .....	789	.553
(Tael—Peking, silver) .....	1,146	.780
(Tael—Shanghai, silver) .....	1,986	.753

A new issue of \$6,000,000 6 per cent. coupon notes of American Linseed Co. are offered by the Equitable Trust Co. and Dominick & Dominick. The notes are dated June 15, 1925, and mature serially from 1930 to 1935, all maturities being priced at 100 and interest. The company in connection with its linseed oil and edible oil plants, operates steam lighters, barges and tank cars. Earnings for the last seven years, after prior charges and taxes, available for interest requirements, have averaged more than \$1,100,000.

DRUG AND FINE CHEMICAL SECTION

## New Incorporations

## In the Chemical, Drug, Oil Producing and Consuming Fields

Karalan, Inc., New York, 100 shares of common stock, no par value. To manufacture rubber goods. L. V. Festger, 203 W. 66th st., Edna Himmelweit, 245 Ft. Washington ave., New York; V. L. Cardno, 3743 Ninety-Second st., Elmhurst, L. I.

R. M. Hollingshead Corp., Philadelphia \$20,100,000 (201,000 shares without par value) Corporation Guarantee and Trust Co.

Cardona Oil and Potash Co., Wilmington, Del., \$75,000. Corporation Trust Co. of America.

Textile Rubber Co., Mystic, Conn., \$40,000. To make rubber tile flooring and rugs. J. R. Sanford, president; J. R. Wheeler, vice-president; Charles E. Wheeler, treasurer; N. C. Wheeler, secretary.

Coal and Oil Products Corp. New York, \$1,000,000. Patents and trade marks. United States Corporation Co.

Carwatts Wood Products Corp., New York, 100 shares of common stock, no par. E. Stoeffels, R. Zinn, J. C. Faber, Attorneys, Whitman, Ottinger, Ransom & Goetz, 120 Broadway.

Tubeless Pneumatic Tire Corp., Wilmington, Del., \$1,000,000. To manufacture tires. Cornelius A. Cole, Hackensack, N. J.; Robert A. Van Voorhis, 168 Harrison ave., Jersey City; Robert A. Van Voorhis, Jersey City; Wm. E. Shields, Jr., Clifton, Staten Island.

Sun-Made Products Corp., New York \$10,000. Drug sundries. H. Berman, J. Pereira, F. Kelly. Attorneys, Davis & Davis, 1540 Broadway.

M. Grumbacher, New York, \$280,000. Chemicals and paints. M. and W. W. Grumbacher, Jr. Attorneys, Miller Bretzfelder & Boardman, 291 Broadway.

United Rubber and Leather Corp., 10 High st., Boston, \$250,000. To manufacture rubber and leather goods as exclusive licensee in the United States under the Leon Conant Process Product and Equipment Patent specifications on soles and heels.

Nu-Glo Laboratories, Bronx Borough, New York City, \$20,000. To make auto polishes. E. G. Prowse, I. J. Kaplan, W. T. Mulchahy. Attorneys Monstmann & Kozinn, 505 Tremont ave.

## Canadian Incorporations

Textiles and Dyers Corp., Ltd., Cobourg, Ont., 20,000 shares, no par. Kasper Fraser, Norma Lown, Mary A. Corbett.

Oil and Turpentine Co. of Canada, Ltd., Walkerville, Ont.; \$40,000. Ervin Moser, Herbert M. Meyer, Edwin R. Howell.

Dr. A. W. Chase Medicine Co., Ltd., Toronto, Ont., 10,000 shares no par. Proprietary medicines. Albert Mearns, Gerald M. Malone, Jennie H. Miller.

Bunny Products, Ltd., Sarnia, Ont., \$40,000. Chemicals. Norman L. Le Sueur, Francis P. Dawson, F. A. McKinley.

## Foreign Trade Opportunities

The Department of Commerce, Washington, D. C., has received the following inquiries for drugs, chemicals and accessories. Reserved addresses may be obtained from the Bureau and its district and cooperative offices. Request for each opportunity should be on a separate sheet and state opportunity number. The Bureau does not furnish credit ratings or assume responsibility as to the standing of foreign inquirers; the usual precautions should be taken in all cases.

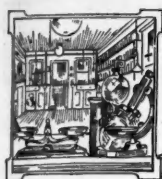
Rosin .....	15133	Bombay, India .....	Purchase
Soda, silicate in monthly carload lots .....	15095	Guadalajara, Mexico ..	Agency
Sulfur .....	15090	London, England .....	Purchase
Varnishes and pyroxylin lacquers .....	15144	Mannheim, Germany ..	Purchase
Drugs, prepared medicines 15086		Bombay, India .....	Agency
Drugs and pharmaceuticals 15122		Cardiff, Wales .....	Agency
Drugs and proprietary medicines .....	15169	Bombay, India .....	Agency
Medicines .....	15085	Caracas, Venezuela ..	Agency
Medicines, prepared .....	15092	Johannesburg, So Afr. ..	Purchase
Pharmaceutical products ..	15094	Constantinople, Turkey ..	Purchase

Toilet preparations, perfumes, soaps .....	15167	Liverpool, England ..	Agency
Medicinal preparations, perfumes .....	15168	Amritsar, India .....	Purchase

Angier Chemical Co., Boston, shows assets as follows: Cash \$60,078, accounts receivable \$362,239, merchandise \$105,520, real estate \$60,000, machinery \$23,023, securities \$2,300. Accounts payable are \$11,055 and reserves \$49,028. Profit and surplus \$415,074. The company is capitalized at \$150,000.

A judgment for \$5,297 against the Franco-Russian Insurance Co. has been filed in New York county by the Second Russian Insurance Co.





# Drug & Fine Chemical

## SECTION



### Java's Output of Iodine from Wells

Headquarters of the Industry Located at Sourabaya—Product Is Marketed and Exported in Form of Copper Iodide, Iodine and Potassium Iodide—Great Britain Takes the Bulk of the Supply—Shipments Also Made to Holland, Germany, China and Japan—Information Regarding the Technique of Manufacture of Copper Iodide Not Obtainable—Amounts Exported in 1922, 1923 and 1924.

**(Special Correspondence to DRUG & CHEMICAL MARKETS)**

Batavia, Java, May 9.—Iodine is produced in Java by Verenigde Javasche Iodiumfabrieken and "Naamlouze Vennootschap Exploitatie Maatschappij Goenoeng-watoe," both with headquarters at Sourabaya. It is not recovered from seaweed, but comes from artesian-well water in Sourabaya and Cheribon. The product is marketed and exported in the form of copper iodide, iodine and potassium iodide. Most of the output is shipped to Great Britain. The following table gives a survey of exports via Sourabaya custom house for the years 1922, 1923 and 1924:

Destination	1922	Unit:—Kilos	1923	1924
<b>Iodine</b>				
Holland	7,891	6,664	515	
Great Britain	14,400	11,760	5,000	
Germany	2,540	—	—	
China	600	881	2,195	
Hongkong	—	57	250	
	25,431	19,362	7,960	
<b>Copper iodide</b>				
Holland	750	480	1,193	
Great Britain	44,922	25,082	82,409	
Germany	614	5,782	6,298	
Japan	—	240	—	
	46,286	31,584	89,900	
<b>Potassium iodide</b>				
China	260	921	—	
<b>Other salts</b>				
China	—	3,224	984	

The production of considerable quantities of copper iodide from artesian well-water is an interesting phase of chemical work in Java, but information on the precise occurrence of the iodine and the technique of manufacture is not given out by the companies.

#### MUST LABEL SULFUR DIOXIDE PRODUCTS

Action under the Federal Food and Drugs Act will be instituted against food and beverages products containing sulfur dioxide and sulfites which are not la-

beled with a plain and conspicuous declaration of the presence of these substances, according to an announcement by officials of the Bureau of Chemistry, United States Department of Agriculture, who are charged with the enforcement of the act. The Food officials state that reports recently have come to their attention of the use of sulfur dioxide or sulfites in a variety of food products without label declaration. In some food industries the presence or absence of a declaration of sulfur dioxide or sulfites has a very direct bearing on the price the purchaser pays for the products.

#### PREDICTS HIGHER CHAMOMILE FLOWERS

Dr. Betegh, of Budapest, Says the Crop this Year Is Only One-tenth of the Average

**(Special Correspondence to DRUG & CHEMICAL MARKETS)**

Budapest, Hungary, June 1.—Dr. P. Betegh, managing director of Pantodrog Co., makes an interesting comparison between the high prices for American botanicals and the low rates obtained by European growers. He says:

"If in America, prices generally, including those of home-grown botanicals, are now about 50% above those current previous to the war, it is scarcely to be presumed that imported botanicals can continue to be offered at their present low rates. It would evidently be unreasonable to expect that the countries suffering from the disastrous consequences of the war should be able to produce at prices far below peace levels, even supposing the collector to be content with earning 20 cents for a day's hard labor. The many and burdensome taxes, the high rates of freight, which are also partly taxes in disguise, the rate of interest, all necessarily tend to increase prices.

"The first step in this direction has now been taken by the growers of Hungarian chamomile flowers. The price of this article has of late been very slightly above the outlay for freight, packing and export dues, and has of course offered no inducement to collectors, with the result that a large portion of a fairly good crop has been allowed to rot on the fields. According to my judgment, this year's output of the producing countries will be about one-twentieth of 1923, or about one-tenth of average yearly crop. The not very large stocks of old crop will very soon be exhausted, and I should not be very greatly surprised to see Hungarian chamomile flowers treble their present price before next Fall.

"The case of chamomile flowers is of course exceptional, but there is very little doubt that all other botanicals produced in this country are bound to rise considerably in the near future and that they have now about touched bottom price."

Merck's supplementary price list for June shows twenty-two advances and sixteen declines.

## The Fine Chemical Market

Current Spot Quotations for Fine Chemicals see Chemical pages 1726-1744

### STRYCHNINE AND SALTS AGAIN REDUCED

Competition From Japanese Goods Brings Lower Prices—Codliver Oil Higher in Sympathy with Position Abroad—Quicksilver Occupies Firm Position—Imported Bromides and Tartaric Acid Advanced—Market Shows Upward Tendency for Forward Buying

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Acid, Tartaric, Imp., ½c lb.	Mercury, 2c flask.
Ammonium Bromide, Imp., 1c lb.	Potassium Bromide, Imp., 1½c lb.
Codliver Oil, 50c bbl.	Sodium Bromide, Imp., 2c lb.
Glycerin, sapon. ¼c lb.	Thymol, 25c lb.
Declined	
Camphor, Jap. Slabs, 1c lb.	Strychnine Salts, 5c oz.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid .....	.35	.35	.35	.32	2.00	.20
Acid Citric Import. ....	.46	.46	.45½	.47	1.25	.45
Caffeine, Alkaloid .....	3.75	3.75	3.75	3.50	13.00	3.65
Calomel, American .....	1.37	1.37	1.37	1.22	3.43	.90
Camphor, Jap., ref. ....	.74	.75	.75	.72	3.65	.41
Iodine, Resublimed .....	4.65	4.65	4.65	4.40	5.00	3.75
Menthol .....	11.00	11.00	10.75	12.00	13.50	3.00
Potassium Bromide, Cryst. ....	.49	.48	.48	.33	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.54	.54	.57½	.63	1.05	.50
Average .....	2.204	2.204	2.272	2.21	5.92	1.56

The outstanding feature in the fine chemical market this week is a noticeable upward trend in prices which does not accompany any increased buying activity of spot material. Spot buying is still very light, but buying for future delivery is generally reported on the mend. Increased confidence is expressed in many quarters with optimism increasing with expectancy of a good fall trade. In many respects, domestic manufacturers dominate the market with imported goods unable to compete successfully. Replacement costs are higher than spot prices for many items and stocks in these cases have been allowed to disappear with the result that prices are now advancing. This has been the case with regard to bromides and tartaric acid. Quicksilver and codliver oil continue to advance on spot and thymol also is higher. Camphor is scarce but weak.

**Acetanilid**—Prices continue unchanged with demand of a routine nature.

**Acid, Acetylsalicylic**—There has been no change in this situation with prices held at 75c@80c in first hands and 70c@73c in second hands.

**Acid, Benzoic**—Business continues normal with no new developments in evidence and prices unchanged.

**Acid, Citric**—Prices are firm with some new interest shown. The present situation is dominated by the domestic article.

**Acid, Diethylbarbituric**—No change is seen in this situation with prices for the imported continuing to be quoted way below the domestic.

**Acid, Phosphoric**—Business continues normal with prices unchanged at former figures.

**Acid, Salicylic**—Prices remain unchanged with the market of a routine nature.

**Acid Tartaric**—Considerable activity has been evi-

denced in this item during the hot weather and the inside price on imported is now 27½c lb. with domestic unchanged at 29c lb.

**Alcohol**—There has been no change in price either in first hands nor in second hands although considerable increase in demand is reported and first hand holders are looking forward to coming into their own in the near future. Denatured is now quoted on the open market at 46c@47c gal. in barrels with the schedule price held firm at 58½c@61½c as to denaturant.

**Aloin**—There has been no change in this market with prices firm and demand normal.

**Amidopyrine**—Prices continue unchanged with demand in very poor evidence at present.

**Antipyrine**—Slightly better demand has been noted lately but prices are maintained at \$1.75@\$1.90 lb.

**Bay Rum**—No new developments are seen in this situation with interest centering around St. Thomas at 90c@95c gal. with domestic synthetic material at 75c@80c gal.

**Bromides**—Little in the way of new demand has been in evidence but stocks are becoming depleted and replacement prices are much higher than the spot market. Prices have strengthened to 51c lb. for the ammonia, 39c@41c for the potash and 44c@46c for the soda.

**Camphor**—Spot stocks are very low at present and prices are firm at 74c lb. for Japanese slabs with ounce and half ounce cakes unchanged at 90c@91c. Mid-June arrivals are quoted at 73c lb. for the slabs. Domestic refiners are unchanged at 84c lb.

**Codliver Oil**—Keeping in line with firmness abroad, prices here are continually strengthening and the best that can be done at present is \$34.00@\$36.50 as to brand and quantity.

**Formaldehyde**—Demand continues to be fairly active at the recent decline to 8¾c@9¼c lb. as to quantity which was brought about by the cut in wood alcohol.

**Fusel Oil**—Demand continues good and keen competition holds the price at \$2.60@\$4.65 gal.

**Glycerin**—Market is strong although there is a slight undertone of uncertainty due to rumors that a large consumer has covered his needs. Prices are unchanged except for saponification which is firmer at 13¾c@13¼c lb.

**Haarlem Oil**—The market continues strong with anticipation of an advance on the part of the imported to correspond with the recent advance in the domestic.

**Hexamethylenetetramine**—Demand continues active with no further change since the decline recently announced by the domestic makers as a result of the lowered price of methanol. Imported is unchanged at former figures.

**Menthol**—The market is now strong at \$11.00 which is generally conceded to be the inside price. The Japanese market is firm and stocks here cannot be replaced at much under the current price.

**Mercury**—The price has advanced further and is now named at \$83.25@\$83.50 flask. At present, little consuming demand is visible, but holders maintain that



this is due to a false hope on the part of the consumers that the present prices are artificially produced.

**Methanol**—Prices remain unchanged at recent declines with some returning confidence evidenced by domestic producers. Another 135 casks of German synthetic material were imported through Philadelphia last week.

**Papain**—Prices remain unchanged at \$2.75@2.95 for the powdered with crude at \$2.40.

**Strychnine**—Following a reduction of from 3c to 10c oz. last week, strychnine salts were again cut 5c oz. early this week to bring them down to a point where they can successfully compete with Japanese goods that have been brought into the market. The alkaloids are now quoted at 71c oz. for the crystals and 61c for the powdered with the sulfate down to 50c and minor salts from 65c@75c oz.

**Thymol**—Stocks have become depleted and prices have advanced to \$3.85@4.00. It is impossible to replace present stocks at under \$3.90.

The following officers were elected at a meeting of the Maryland Section of the American Chemical Society in Baltimore on May 29: Chairman, Dr. H. A. B. Dunning, of Hynson, Westcott & Dunning; vice-chairman, Dr. Groves H. Cartledge, Department of Chemistry, Johns Hopkins University; secretary-treasurer, Ray M. Carter, Research Laboratory, U. S. Industrial Alcohol Co. Following the election of officers, H. E. Howe, Editor of the "Journal of Industrial & Engineering Chemistry," spoke on the activities of the American Chemical Society.

A joint outing of the Northeastern and Rhode Island sections of the American Chemical Society was held last week at Riverside, Mass. The program started at 3 o'clock by an exhibition of airplane flights. The feature of the outing was the chemical warfare exhibition held at 6:30. Smoke screens were formed and war fireworks such as flares, candles and phosphorus bombs, were set off.

Dr. C. L. Parsons, secretary of American Chemical Society, is on his way to the meeting of International Union of Pure and Applied Chemistry at Bucharest, Roumania, which opens June 21. Dr. Parsons and Walter L. Patrick, Gerald L. Wendt, A. M. Patterson, Edward Bartow, and Dr. James F. Norris, president of American Chemical Society, are delegates to the meeting from the National Research Council.

A display of arc welding equipment, motors and control will be shown by the General Electric Co. during the Exposition of the Association of Chemical Equipment Manufacturers in the state armory, Providence, R. I., June 22 to June 27. C. T. McLoughlin will be in charge at Booths Nos. 25 and 26.

The total catch of cod for Norway from the beginning of the season up to May 20 was 49,300,000 cod against 52,600,000 last year with a yield of steam refined medicinal oil of 80,488 hectoliters against 92,225 last year.

Millard-Heath Co., St. Louis, has enlarged the offices and warehouse facilities, and put in a complete line of chemical apparatus, chemical glassware, and analytical chemicals for industrial laboratories, colleges and schools.

Fries & Fries Co., Cincinnati, has moved the New York office from 242 Pearl St. to 244 Pearl St.

**OIL LEMON HIGHER IN LONDON**

**Shortage in Codliver Oil Brings Another Advance in Price at Bergen—Quotations on Potassium Prussiate, Alum, Ammonium Chloride and Menthol Easier—Milk Sugar and Cascara for November Delivery Are Lower.**

(Special Cable to Drug & Chemical Markets)

London, June 10—Trading in drugs and chemicals is light, this week. Prices are higher for cloves for future delivery, oil lemon and glucose. The market is firmer on carbolic acid, Japanese mint oil and American peppermint oil.

Prices are easier for potassium prussiate, alum, ammonium chloride and menthol.

Lower quotations are announced on milk sugar and cascara sagrada for November delivery.

Codliver oil is advancing owing to a pronounced shortage. Finmarken is quoted at 140 shillings, f.o.b. Bergen.

London, June 1—(By Mail)—Antimony has fully maintained the advance to £70 for English regulus. Spot Chinese is firmly held at £60 and over.

Cascara Sagrada of new crop is steady at £52 10s per ton, c.i.f., July-August.

Cloves—The recent advance is well held with a good demand for forward. Zanzibar spot 10d to 10¼d per lb.

Hydrastis can still be had in moderate quantity on spot at 22s per lb.

Lemon Oil—Messina cables higher, prices to 3s 6d per lb., c.i.f. Much oil of doubtful quality still presses on the market in London and creates an easy tendency. Prime brands spot 3s 3d to 3s 6d per lb.

Bromides have further advanced and are now firmly held. Potassium 2s, ammonium 2s 5d, soda 2s 2d per lb.

Phenacetin in large lots is somewhat cheaper at 4s 7½d per lb.

Creosote Oil on spot has suffered a further drop and round lots for export can now be had at 6¼d f.o.b. per gallon.

Carbolic Acid Crystals are unusually low at 4¼d per lb. f.o.b. for large bulk.

Bismuth Metal is very firm at 7s 6d per lb., with restricted deliveries to consumers.

Codliver Oil—The Finmarken catch has been rather seriously affected by stormy weather and the quality of the fish is of much lower oil render. A sharp advance and still rising market in Bergen is reported by cable. Crude oil is dearer in comparison with steam refined.

Ipecacuanha—At the bimonthly auction this product attracted most interest moving off freely at very firm rates. Matto Grosso 8s per lb.; Minas 8s 3d per lb.

Rhubarb, Canton, sold without reserve cheaply 2s 3d per lb.

Sennas, ordinary Tinnevely, sold cheaply at 2½d to 2¾d; Alexandra, sea damaged, pods 3d per lb.

Ergot easier; Spanish 1s 8d to 1s 9d per lb.

Opium—Cables from Smyrna report higher prices all round. Spot "Druggists" is now 2s 10d per unit.

Sugar of Milk, Dutch—Finest is cheaper by 5 case lots 77s 6d per cwt.; U. S. A. barrels, 76s per cwt.

Japanese Mint Oil and Menthol were advanced on the news of the earthquake in Japan, but subsequently subsided.

## The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 1745-1749

### RHUBARB ROOT FIRMER ON SPOT

**Rumors Heard of Shortage on Local Market—Cascara Sagrada Firming Up—Dandelion Root Weaker With Arrival of Hot Weather—Insect Powder Quiet—Marjoram, Henbane, Henna, Belladonna and Gentian Easier—Week of Quiet Trading**

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Anise, Spanish, 1/2 lb.	Cochneal, black, 3c lb.
Cannabis, USP., 1c lb.	Japan Wax, 1/4c lb.
Carnauba Wax, 1c lb.	Rhubarb, 1c lb.
Cascara Sagrada, 1924 peel, 1/2 lb	Sandarac Gum 3c lb.
Cassia Fistula, 1c lb.	Stramonium Leaves, 1/2c lb.
Declined	
Anise, Star, 1/2 lb.	Henbane Leaves, 2c lb.
Belladonna Root, 1c lb.	Henna Leaves, 1c lb.
Cohosh, black, 1 1/2 lb.	Insect Powder, 1c lb.
Dandelion Root, 1c lb.	Marjoram Leaves, 1c to 1 1/2 lb.
Fish Berries, 1/2 lb.	Soap Bark, powdered, 1c lb.
	Gentian, powdered, 1/2c lb.

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP .....	.33	.33	.33	.42	.90	.42
Buchu Leaves, Short .....	.65	.65	.64	.76	4.00	.85
Cantharides, Russian .....	.80	.80	.82	.90	9.00	2.10
Cocculus Indicus .....	.08	.08 1/2	.08 1/2	.03	.85	.03
Ergot, Spanish .....	.50	.50	.51	.30	4.50	.54
Insect Powder, pure .....	.38	.40	.40	.63	1.00	.28
Ipecac, Cartagena, Powd. 2.35	2.35	2.35	2.35	2.10	4.50	1.35
Nux Vomica .....	.05 1/2	.05 1/2	.05 1/2	.08	1.45	.07
Opium gum .....	12.00	12.00	12.00	9.00	30.00	5.00
Rhubarb Root, H. D. ....	.33	.32	.32	.30	1.75	.15
Tragacanth No. 1, ribbon 1.45	1.45	1.40	1.20	6.00	1.50	
Wild Cherry Bk., thin nat. .09	.09	.09	.11	.21	.07	
Average .....	1.584	1.584	1.583	1.32	5.28	1.60

During a week of comparatively quiet trading new developments in the way of price advances and declines have not been wanting and in most cases they are genuine reflections of the actual situation rather than spasmodic fluctuations due to sudden and unforeseen shortages or arrivals. Trading has not been spectacular, but buying has been in evidence and is regarded as on a firm basis. Little enthusiasm has been aroused over any particular item and dealers have not evinced much tendency to speculate. Some items, which do not keep well in hot weather, have weakened, owing to the fact that not all dealers care to keep them in cold storage during the summer, while other items have developed actual or prospective shortages and have advanced. The political situation in China has been felt in the local market for rhubarb, and some dealers frankly predict still higher prices for that item. Cascara sagrada, stramonium leaves and carnauba wax are all reported occupying stronger positions on the New York market, while belladonna root, dandelion root, powdered gentian, henbane and henna leaves and insect powder are somewhat easier to obtain.

**Anise Seed**—Market shows increased activity with price of Spanish seed advanced to 15c@15 1/2c lb. and star lowered to 12 1/2c@13c lb.

**Arabic Gum**—Slight weakening is seen in some quarters but price remains unchanged. Amber sorts firm at 13 1/2c lb.

**Balsams**—Some shading is seen in one or two instances but the market in general continues firm at 56c@58c for copaiba, South American, 54c@56c for copaiba,

Para, \$11 gal for Canada fir and \$1.00 for Oregon fir, \$1.85 for Peru and \$1.40 for Tolu.

**Belladonna**—Root is easier at 15c@18c lb. with leaves unchanged at 25c@27c lb.

**Buckthorn**—Prices continue firm at 7c@10c lb. which is regarded by many dealers as a fair price following a recent period of depression below actual value.

**Buchu**—This situation is somewhat easier but prices are fairly well maintained at 65c@67c lb.

**Cannabis**—American U.S.P. has been advanced to 46c@60c lb. with the "no assay" unchanged at 30c@40c. No imported material is available on the market and no quotations are heard.

**Carnauba Wax**—Business in this wax is reported to be good and prices have been advanced to 39c@40c lb. for the Flor., with No. 1 yellow up to 37c@40c and No. 3 North Country and chalky up to 28c@28 1/2c and 27 1/2c@28c respectively.

**Cascara Sagrada**—There has been a firmer tendency evidenced by the holders in the West and 1924 peel is now named at the advanced price of 14 1/2c@15c lb. Some interest is developing in the 1925 peel which is quoted for future delivery about August or September at 12 1/2c@13c lb.

**Cassia Fistula**—There has been an advance to 9c@11c lb. for this product in baskets.

**Cochineal**—Black cochineal is reported much firmer at the advanced figure of 51c@53c lb.

**Cohosh**—Black cohosh root is easier at 6 1/2c@15c as to quality with other grades unchanged at 10c@11c for the blue and 23c@25c for the pulp.

**Damiana**—Holders are still firm in asking \$1.25 for this root but it is understood that they are not anxious to sell as stocks are not very great at present.

**Dandelion**—With the advent of hot weather most of the holders are willing to part with their dandelion root rather than incur the expense of putting it into cold storage to keep it. Price has declined to 18c@19c lb. this week.

**Ergot**—Fair activity continues for this item although it is somewhat less in demand than it was a few weeks ago. Prices remain unchanged at 50c@51c lb.

**Fish Berries**—Prices are easier at 8c@8 1/2c with demand not very much in evidence.

**Gentian Root**—Powdered root has been reduced to 12c@13c lb. with whole and ground unchanged at 8 1/2c@9c and 12c@13c respectively.

**Golden Seal Root**—There have been repeated reports of lowered prices but while some shading can undoubtedly be done, most holders are continuing to ask \$5.10 for the whole root and \$5.25 for the ground. There has been no easing in the country and the only reason there should be any easing in the market is that demand is not very active at present.

**Henbane Leaves**—The U.S.P. leaves are now procurable at the reduced price of 27c@30c lb. with the no assay leaves unchanged at 24c@26c lb.

**Henna Leaves**—Price has been reduced to 8 1/2c@10c lb. with powdered unchanged at 12c@14c lb.

**Insect Powder**—Most of the buying for this season is completed and powder can now readily be purchased at 37c@40c lb. With the arrival of hot weather some

more active buying is expected but prices are considered to be stable at these figures.

**Japan Wax**—Market for this item has advanced to 16c@16½c lb.

**Larkspur Seed**—Demand is weak at high levels of \$4.00@\$6.25 which are maintained by holders.

**Lycopodium**—Continues strong at 85c@90c lb.

**Marjoram**—Proximity of new crops is producing lower prices for German and Chilian at 27c@28c and 24½c@25c respectively. French marjoram remains nominal on spot with one or two tentative offerings for July-September delivery at 24c@24½c lb.

**Rhubarb Root**—The local market has strengthened and prices are now up to 33c@35c for the whole root with the powdered at 38c@40c. It is rumored that there is none afloat, which fact coupled with the trouble in China, is expected to produce still higher prices here.

**Saffron Flowers**—Spanish saffron remains in poor demand at \$31@\$32 lb., with American safflowers unchanged at 40c@45c and Mexican saffron at 50c.

**Sandarac Gum**—This gum is reported much firmer at the advanced price of 45c@46c lb.

**Saw Palmetto Berries**—Prices continue at high figures of 40c@45c lb.

**Soap Bark**—Powdered bark is lower at 12c@13c lb. with whole, crushed and cut unchanged at former levels.

**Stramonium**—Leaves have advanced to 9½c@10c lb. with seed unchanged at 10c@11c lb.

**Valerian Root**—Rumors of lower prices are unconfirmed and holders are continuing to ask 45c@60c lb.

George H. Lincks writes that the sandarac gum supply has been considerably curtailed along with other gums and seeds by a drought in Morocco, and that the Yacca red gum supply has also been materially reduced by a fire in Australia. Exports of Kauri gum from Auckland during March were 495 tons, valued at \$43,353, of which 240 tons came to the United States. The United States received 2,624 tons of the total 5,432 tons, valued at \$446,019, exported during the year ended March 31, 1925.

The Interstate Commerce Commission has suspended until Oct. 3 the operation of certain railroad schedules which propose to prohibit the acceptance of alcoholic liquors, in less than carload quantities, for transportation by freight via the Louisville & Nashville, thereby depriving shippers of the right to transportation by freight of a commodity not dangerous to handle and which is ordinarily accepted for transportation.

Notice has been sent to members of the National Wholesale Drug Association by the chairman of the Publicity Committee that reservations for hotel accommodations at Detroit for the convention, Oct. 4 to 9, should be made at once. The headquarters will be at the Book-Cadillac Hotel. F. E. Bogart, Detroit, is chairman of the Committee on Arrangements and Entertainment.

Meyer Selzman, who was found guilty in a lower court of selling denatured alcohol in less than 5-gallon packages without marking it "poison," lost his appeal to the U. S. Supreme Court, which has decided that the arguments, claiming that the denatured alcohol provisions of the law were beyond the power of Congress to enact, are without force.

## The Editor's Correspondence

### Alcohol Indictments and Names Mixed

Editor, DRUG & CHEMICAL MARKETS:

We wish to use the medium of your paper in order to protect our good name. On the date of May 26th, 1925, the New York papers printed an article which indicated that the M. De Mattia Chemical Corp. and the Sherlow Chemical Corp. with two other corporations and 2 individuals, were indicted by the Federal Grand Jury at Newark, New Jersey, of defrauding the United States Government of \$250,000 in alcohol taxes.

The facts are as follows:—Mr. Michael De Mattia was president of the M. De Mattia Chemical Corp. in 1922 with address at 237 Mercer Street and subsequently at 136 Liberty Street. He resigned in April, 1923, from the M. De Mattia Chemical Corp., selling his shares to Mr. Marcel Scherer and Mr. Frank H. Lowenfels. An agreement was made whereby they agreed to discontinue to use the name of M. De Mattia in their corporate name. However, it seems that they did not do anything of the kind, but, continued to use the name of M. De Mattia Chemical Corp. in an illegal way, whereby indictments were returned by the Federal Grand Jury in Newark, New Jersey against the M. De Mattia Chemical Corp. located at 136 Liberty Street, at a time when no such corporation was in existence.

Mr. M. De Mattia organized a new corporation under the name of M. De Mattia Chemicals Inc., with addresses at 15 Moore St., New York City. You must realize that to have such articles appear in the New York papers has injured our good name. We would appreciate, if you would kindly state in your paper that this corporation has nothing to do with the Sherlow Chemical Co., at 136 Liberty Street and is in no way connected with either Marcel Scherer or Frank H. Lowenfels, but that they have done everything possible to confuse this issue in the minds of the chemical trade. We request the services of your valuable paper in order, to protect our good name. We shall ask you to please print the entire article in the next issue of your newspaper, as it is the only fair way, both to our president, Mr. M. Mattia and to the officers of this concern, who have tendered their names hereto.

M. De Mattia Chemicals, Inc.

Michael De Mattia, pres. and other officers of corporation.

New York, May 27, 1925.

The National Wholesale Druggists' Association has published a book entitled "Distribution Through the Drug Trade—How to Get it—Also Decisions Governing Distribution." The purpose of the book is to aid manufacturers, proprietors, advertisers and advertising agencies in the selling of drugs and proprietary goods. It considers in detail the problems of distribution considering the locations of wholesale markets, general policies adopted by the association and a resume of the Government's decisions on price maintenance cases. The book, which was compiled by C. H. Waterbury, consists of 63 pages, and is bound in limp cloth.

Tacoma Drug Co., Tacoma, Washington, capitalized at \$150,000, has elected the following officers: President, C. F. Osmer, former owner of Idaho Drug Co., Lewiston, Idaho; secretary-treasurer, M. G. A. Du Buisson. The corporation has made application for membership in the National Wholesale Druggists' Association.



## The Essential Oil Market

Current Spot Quotations of Essential Oils, pages 1749-1750; Aromatic Chemicals, 1750

### SPOT PEPPERMINT ADVANCES TO \$16.00

**Expected Advance Sends U.S.P. Up to \$16, Natural \$15—No Shipment Offers from Country—First Oil Expected Early September—Spot Lemon Higher, But Market Appears Easier—Orange and Bergamot Easy**

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Oil Lemon, Ital., 5c lb.	Oil Peppermint, USP, \$2 lb.
	Natural, \$1.75 lb.
Declined	
Oil Orange Ital., 5c lb.	Oil Thyme, 5c lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Oil Bergamot .....	\$ 3.30	\$ 3.20	\$ 2.40	\$ 3.90	\$ 7.00	\$ 5.00
Oil Citronella, Ceylon ....	.66	.66	.65	.82	1.02	.60
Oil Cloves .....	1.70	1.70	1.75	1.80	3.70	1.40
Oil Lemon, Italian .....	1.05	1.00	.95	.85	1.70	2.00
Oil Peppermint, Nat. ....	15.00	13.25	13.00	4.25	9.00	2.24
Oil Sandalwood, E. I. ....	7.00	7.00	7.00	6.50	14.00	5.25
Oil Sassafras, Artif. ....	.27	.37	.27	.25	1.00	.26
Benzaldehyde U.S.P. ....	1.30	1.30	1.30	1.50	5.15	1.50
Coumarin .....	3.25	3.25	3.25	3.85	31.00	3.10
Methyl Salicylate, Cans...	.47	.47	.47	.47	1.00	.90
Vanillin .....	.49%	.49%	.49%	.54%	.95	.20
Average .....	3.12	2.94	2.93	2.27	6.83	2.05

Some stimulation of demand resulted from the recent hot weather which covered the entire eastern section of the country, but, the essential oil market as a whole remained quiet with inquiry mostly confined to jobbing quantities. Peppermint oil holds the center of the stage with all eyes on the country. The price of spot oil moved up again this week, which is believed to be a forerunner of further sharp advances during June and July. Better demand for lemon and orange oils has brought higher figures for spot lemon, but no change in orange. Oils limes, citronella and rosemary were strong spots. Otto of rose is very firm and prices point upward. Thyme, bergamot, and geranium oils are easier.

#### Essential Oils

**Oil Almond**—Bitter oil at \$3.00 lb. for U.S.P. and \$3.15 for prussic acid free, shows only a routine movement. Sweet almond oil is strong at 80c ranging to 95c as to brand and quantity. Peach kernel oil has quieted down, but holds at 50c lb. inside without change.

**Oil Anise**—Little change in spot position is noted. Demand is small. U.S.P. in cans is held from 62c to 65c lb. as to seller. Technical oil is mostly quoted at 60c, but 59c is a possibility on firm business for a quantity.

**Oil Bay**—Position strong with some holders anxious to move prices higher than the \$2.25 lb. level in effect. Range up to \$2.75 as to seller.

**Oil Bergamot**—Lack of demand and consequent weakness still persist in bergamot. Prices are openly named at \$3.40@\$3.75 lb. as to seller, for standard goods, but sales of oil, billed as bergamot, have taken place at \$3.25 and less. The strength on the other Messina essences does not seem to have any effect on bergamot.

**Oil Cassia**—Dull, but prices firmly held at \$1.90 lb. for technical and \$2.35 up for U.S.P. in cans.

**Oil Cedarleaf**—Still available at any price from 80c up, according to the quality desired by the purchaser. Pure oil is reported commanding 87½c and 90c lb. Much the same applies to cedarwood, with the range from 57½c up for spot drums.

**Oil Citronella**—Position remains strong. Demand has shown some expansion, but quantities are not large. Shipment prices hold high. Spot drums Ceylon oil at 66c lb. unchanged, with some asking 67c. Cans 68c@70c lb. Java oil easy and quiet at \$1.00 lb. spot.

**Oil Cloves**—Price unchanged at \$1.70@\$1.75 lb. spot from distillers, but materially stronger spice market may have effect on essential oil price within the next week or ten days.

**Oil Geranium**—Dullness and limited demand tend to keep the position of geranium oils rather soft. Prices, however, show little change. African rose from \$5.00 up to \$6.50 lb. for spot as to quality and seller. Bourbon oil \$4.50@\$5.00.

**Oil Lemon**—Shipment cables have been coming through at \$1.09 up to \$1.15 duty paid this week. Demand for spot oil was slightly better as might be expected with the hot weather of last week. Best inside spot price is now \$1.05 ranging to \$1.25 lb. as to brand, seller, and quantity. Although stronger exchange and speculation in Sicily may force prices higher, the position here does not look quite as strong as last week.

**Oil Limes**—Stocks of expressed oil are small and prices are very firmly held at \$4.50 up to \$4.75 lb. as to seller. Distilled oil firm, but unchanged at \$1.75.

**Oil Orange**—The position appears little changed. Demand has been better, but the market did not appear to strengthen as a consequence. Easiness characterizes the spot market with prices held at \$2.60 up to \$3.00 lb. for Italian, and \$2.50 to \$2.70 for West Indian. High Italian exchange has had little effect here.

**Oil Peppermint**—As was more or less expected in the trade, the price shot up sharply to \$15.00 for natural oil and \$16.00 for redistilled last Saturday on spot. Those who hold spot oil, have all that is available or is likely to be available until Sept. 15 or thereabouts. Unless this year's crop develops very rapidly in the Mid-West, no new oil can be expected until September at the earliest. When the 1925 crop does come in, however, barring cyclones, earthquakes, or an epidemic of measles, it will undoubtedly come in to the tune of 500,000 or 600,000 lbs. of oil. The time element may also cut down considerably by the efforts of farmers to get their oil to market early at higher prices. With money at stake, agricultural miracles are not uncommon. For the present, however, no offers for shipment or otherwise are forthcoming from the country.

**Oil Rosemary**—Continues strong, but unchanged at 45c lb. for U.S.P. in drums, and 48c for cans.

**Oil Rose**—Very firmly held and tending upward. Standard goods run all the way from \$9.50 to \$11.50 oz. spot. Cheaper oil from \$8.00@\$9.00 oz.



**Oil Wormseed**—Still selling at \$3.10 spot although storm report last week put up price in some quarters to \$3.25.

**Aromatic Chemicals**

**Benzaldehyde**—American makers quote \$1.30 lb. U.S.P.; \$1.50 for free from chlorine. Imported \$1.00 to \$1.25 as to seller and quality.

**Diethyl Phthalate**—Range from 30c to 35c lb. for drums as to seller and quantity.

**Menthol**—Demand quiet with price unchanged at \$11.00 lb. after last week's advance. Stocks close held, and likelihood of further advance to \$11.25 before Thursday.

**Vanilla Beans**

Jobbing inquiry for vanilla beans has been steady, but quantities moving have been comparatively small. Prices unchanged, but tend easy at \$9.50 lb. up to \$10.50 for Mexicans spot. Bourbons \$8.50@9.00 lb.

**LEMON OIL DEARER TO ARRIVE**

Quality of Present Season's Crop Above the Average  
—Consumer Demand Increasing

(Special Correspondence to DRUG & CHEMICAL MARKETS)  
London, June 2—There are few outstanding changes in prices this week and demand is fair. Lemon oil is dearer to arrive, and caraway oil is also higher, says the "Chemist and Druggist." Bourbon geranium is lower and bergamot and Sicilian orange are easier.

**Lemon**—The bulk of the distressed parcels offered last week now appear to have been disposed of. Bullish reports accompanied by higher prices have been cabled this week from Sicily, from 3s 7d to 3s 9d per lb. c.i.f. being quoted in several directions. Spot prices vary from 3s 2d to 3s 4½d, but the higher price is difficult to get. The consuming demand has improved, owing to the more seasonable weather; the quality of the current season's oil is exceptionally good, being above the average.

**Bergamot** is quoted at 14s 9d to 15s 6d per lb. c.i.f. to arrive for 37 to 39 l.a., being easier. Spot is unchanged at from 15s to 15s 6d.

**Caraway**—German offers appear to have been advanced recently, up to 6s 6d per lb. c.i.f. being current. Dutch double rectified on the spot is selling at from 8s 6d to 9s 6d as to quantity.

**Cassia** is quiet and unchanged on the spot at from 8s to 8s 3d for 80 to 85 c.a.

**Citronella**—Ceylon is cheaper at 2s 7d per lb. on the spot or c.i.f. to arrive. Java is steady at 4s spot, and firmer to arrive at 3s 11d c.i.f.

**Clove**—English distillers quote at the unchanged rate of 6s 6d to 6s 9d per lb. Continental distillate, 90 to 92 per cent eugenol, is offered at 6s 3d spot. Indian, 87 to 88 per cent, is 6s.

**Geranium**—Bourbon is cheaper on the spot, with sellers at from 17s to 18s per lb. The forward price from the Island is easier, owing to the decline in the value of the franc, with offers down to about 150 fr. per kilo c.i.f. to arrive. Algerian is unchanged at 25s spot.

**Mint**—An endeavor was made to hoist the price of Japanese dementholised Kobayashi-Suzuki by 6d to 1s per lb. on the receipt of the news of the earthquake in Japan, but there was no response, and the market fell flat again. Spot is nominal at 14s 6d; May-June is quoted at 14s to 14s 3d c.i.f. to arrive.

**The Editor's Correspondence**

**German Benzaldehyde Poor Is Claim**

Editor, DRUG & CHEMICAL MARKETS:

In your issue of May 27th we note the remarks regarding importation of cheap German benzaldehyde. We as large manufacturers of pure benzaldehyde, have naturally been interested in the offers made from abroad during the last four or five months and have received a number of samples of benzaldehyde, so-called FFC made in Germany, both directly from exporters and manufacturers in Germany as well as from importers in New York. In no case, except one, have we found any of these samples to be free from chlorine although they were offered as such and when we have taken the matter up with the exporter on the other side we have invariably received the answer that when they offered benzaldehyde free from Chlorine they naturally meant commercial chlorine free, or, as they express it in German "Handelüblich Chlorfrei."

One large importer in New York is offering Benzaldehyde, FFC, at prices ranging from \$1.12 to \$1.20 lb. and while the benzaldehyde offered by this importer actually is chlorine free, it nevertheless contains impurities which do not make it desirable for use in food products.

An absolutely pure benzaldehyde should dissolve perfectly clear in a sodium bisulphite solution without leaving any trace of non-soluble matter but the German benzaldehyde being offered at the present time in this market makes a very cloudy solution and leaves residue of impurities which certainly would affect the flavor and odor of any products in which it was being used.

We thought we would call this matter to your attention as we have no doubt you are just as interested as we manufacturers in the kind of competition we meet from abroad.

Fries Bros.

New York, May 28, 1925.

Chenopodium oil, or oil of American wormseed, is distilled from the crushed seeds. The oil of the herb has an odor similar to that of tetramethylamine and contains 60 to 70% of ascaridol. When pure, the oil should be soluble in 8 volumes of 70% alcohol. It is used for hookworm and round worm, but is also fatal to ascarides. It sometimes has a toxic effect, evidenced by dizziness and nausea.

Distillation of the leaves of meriandra benghalensis from Erythrea yields from 0.64% to 0.87% of oil containing camphor, cineol, camphene and another sesquiterpene forming a bis-nitrosochloride. The camphor constitutes about one-third of the oil and the cultivation of this plant for the camphor has been suggested.

Steam distillation of the leaf buds of Manchurian poplar yields about 2% of a bright yellow oil which, on distillation over sodium, is found to contain a sesquiterpene, populene, two alcohols present as valerates and a paraffin.

Emile Utard, general manager in the United States for Parfumerie Ed. Pinaud, Paris, France, died Sunday at his home, 340 West Eighty-eighth St. Mr. Utard was born in France in 1862.

John H. Montgomery, formerly of Burton T. Bush, Inc., became associated with Fritzsche Bros., New York, essential oil importers, on June 1.

# Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

**CLASSIFICATION**—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical, and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrines, sizes, and starches; fertilizer materials; accelerators and solvents, and miscellaneous products. Crude Drugs, including barks, herbs, roots, etc. Essential Oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallowes, greases, and fats. All groups are in alphabetical order.

**Packages**—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

**QUOTATIONS**—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available,

and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

**WEIGHTS AND MEASURES**—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20 American Gallons
1 American Gallon	— .833 Imperial Gallon
1 American Gallon	—3.79 Liters
1 Liter	— .264 American Gallon
1 American Gallon (Water)	—8.35 Pounds
1 Pound (Avoirdupois)	— .454 Kilogram
1 Kilogram	—2.20 Pounds

Style and Arrangement Copyright by DRUG & CHEMICAL MARKETS, 1922

## Chemicals

ACETANILID, tech 150 lb bbls..D	.26	.28
100 lb keg.....D	.27	.30
USP, 200 lb bbls.....D	.35	.37
Second Hands.....D	.35	.36
Acetic Anhydride		
85-89%, 107 lb cys.....D	.38	.40
90-95%, 100 lb cys.....D	.41	.45
CP, 100 lb cys.....D	.75	.80
Acetone, CP 700 lb drs c/wks..D	..	.12
700 lb drs. l/1 wks.....D	.13	.13 1/2
350 lb drs. l/1 wks.....D	..	.14
Tank cars, wks.....D	..	.12
Acetone, 50 gal drums.....D	.37 1/2	.40
Acetone Oils, light, drs. wks.....gal	1.40	1.45
Heavy, drs., wks.....gal	1.40	1.45
Acetophenetidin, 225 lb bbls.....D	1.80	1.90
Acetyl Chloride, 100 lb cys.....D	.33	.35
ACID, 1, 2, 4, 250 lb bbls.....D	..	1.30
Acetic, 28%, 400 lb bbls., c/l wks.....100 lb	..	3.00
28%, l/1 wks.....100 lb	..	3.25
56%, c/l wks.....100 lb	..	5.60
56%, l/1 wks.....100 lb	..	5.85
70%, bbls, c/l wks.....100 lb	..	6.89
70%, l/1 wks.....100 lb	..	7.14
80% coml. bbls, c/l wks.....100 lb	..	7.73
80% coml. l/1 wks.....100 lb	..	8.08
80% pure bbls, c/l wks.....100 lb	..	8.72
80% pure l/1 wks.....100 lb	..	8.87
Glacial, bbls, c/l wks.....100 lb	..	10.57
Glacial, l/1 wks.....100 lb	..	10.82
Glacial, USP cys, wks.....100 lb	..	11.32
Acetylaldehyde, 225 lb bbls.....D	.75	.80
Second Hands.....D	.70	.72
Anthranilic, tech, drs.....D	..	.30
99-100%, 100 lb drs.....D	.98	1.00
Benzoic, tech, 100 lb bbls.....D	..	.65
Tech. ten lots bbls.....D	..	.60
USP, 100 lb bbls.....D	.69	.70
Second Hands.....D	.65	.67
Boric, cys, powd 250 lb bbls.....D	..	.09 1/4
Keys, 100 lb.....D	.10	1.0 1/4
Warner's 250 lb bbls.....D	..	1.35

ACID		
Butyric, 60% pure, 5 lb bot.....D	.55	.60
90%.....D	.70	.75
C.P. 10 lb bot.....D	1.25	1.50
Camphoric USP, VIII 1 lb bot.....D	5.50	5.70
Carbolic, USP cys, see also Phenol		
112 lb tins.....D	.26	.27
25 lb tins.....D	.28	.29
5 lb tins or bot.....D	.30	.32
1 lb bot.....D	.35	.36
Liquid USP, 1 lb bot.....D	.34	.35
Crude, 35% 50 gal. bbls.....gal	.33	.35
10%, 50 gal. bbls.....gal	.27	.30
Carbonic, see Carbon Dioxide		
Chloroacetic		
Mono 100 lb bbls. wks.....D	..	.25
Di, 150 lb cys. wks.....D	..	1.00
Tri, 5 lb bot.....D	..	2.50
Chlorosulfonic, 1500 lb drs. wks.....D	.15	.16
Chromic, USP, 200 lb drums.....D	..	.37
85% Pure, 200 lb drums.....D	..	.35
Chromotropic, 300 lb bbls.....D	..	1.35
Chrysanthemic, see Chrysanthol		
Cinnamic, 5 lb cans.....D	3.25	3.50
CITRIC, USP, cryst, 250 lb bbls.....D	..	.45 1/4
Powd., USP, 200 lb bbls.....D	..	.46 1/4
Imported cys, 112 lb kegs.....D	.46	.47 1/2
Single kegs.....D	..	.47
Cloves, 250 lb bbls.....D	.95	.97
Creosote, 95% dark dr. NY.....gal	.62	.64
97-99% pale, dr. NY.....gal	.64	.66
Crude, coml. drums.....gal	..	..
Diethylbarbituric, Dom., 25 lb lots, 1 lb bot.....D	8.00	9.00
Imp., 10 lb lots.....D	4.00	4.15
Formic, 85% tech, 140 lb cys.....D	.10 1/2	.11
90% 80 lb cys, incl.....D	.11	.11 1/2
Galetic, USP, 150 lb bbls.....D	..	.65
Gamm, 225 lb bbls, wks.....D	1.40	1.45
Glycerophosphoric, 25% 1 lb bot.....D	1.85	1.95
W 225 lb bbls, wks.....D	.62	.72
Hydroiodic, 10% USP 5 lb bot.....D	.65	.70

ACID (Cont.)		
Hydrobromic, 48% coml. 155 lb cys. wks.....D	.45	.48
48% coml., 10 cys. wks.....D	..	.45
40% USP, 155 lb cys. wks.....D	..	.55
10% USP, 100 lb cys. wks.....D	..	.15
Hydrochloric, see also Acid Muratic		
CP, USP, 110 lb cys.....D	.07	.07
Hydrocyanic, wks, cyl.....D	.90	1.00
HYDROFLUORIC, 30% 400 lb bbls. wks.....D	..	.06
30% 100 lb cys. wks.....D	..	.08
48% single 100 lb cys. wks.....D	..	.10
52% 100 lb cys, wks.....D	..	.12
52% 10 cys. wks.....D	..	.11
60% 100 lb cys., wks.....D	..	.14
60% 300 lb dr., wks.....D	..	.13
White Acid, 100 lb cys. wks.....D	..	.26
White Acid, 10 cys. wks.....D	..	.25
Hydrofluosulfic, 35% 450 lb bbls. wks.....D	.10	.12
Hypophosphorous, USP 30% 5 gal. dems.....D	..	.35
USP, 10% 5 gal. dems.....D	..	.36
LACTIC, 22% dark 500 lb bbls.....D	.05 1/4	.06
22% light, bbls.....D	.06 1/2	.07
44% dark, bbls.....D	.11	.12
44% light, bbls.....D	.13	.15 1/4
66% dark, bbls.....D	.18	.18 1/4
66% light, bbls.....D	.26	.27
USP, IX 100 lb cys.....D	..	.70
USP, VIII 100 lb cys.....D	..	.59
Laurent's, 250 lb bbls.....D	.80	.85
Metanille, 250 lb bbls.....D	.60	.65
Mixed sulfuric-nitric		
Drums, wks.....N Unit	.07%	.08
Formic wks.....N Unit	.01	.01 1/4
Tank cars, wks.....N Unit	.06	.06 1/2
Tank cars, wks.....S Unit	.008	.01
Molalic, 85% pure 100 lb kegs.....D	1.25	1.30
100% C. P. 100 lb kegs.....D	1.30	1.35
Monosulfuric P. Delta, 50 lb tins.....D	1.75	1.80

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## Chemicals

ACID			ACID			ACID		
<b>MURIATIC, 30° chgs, 1c/l</b>			<b>Picric, 450 lb bbls.....</b>			<b>Tungstic, 100 lb keg.....</b>		
wts.....100 lb	1.50	: 1.70	Bbls. car lots wts.....	..	..	Valeric, C. P., 10 lb bot.....	2.50	: 2.75
Chgs. c/l wts.....100 lb	..	: 1.35	Pyrogalllic, crys. 5 lb cans.....	1.35	: 1.50	Acetone Alk. crys. 1 ca, vls.....	..	: 30.00
Tank cars, wts.....100 lb	..	: 1.00	Resublimed, 5 lb cans.....	1.50	: 1.60	Amorphous, 1 ca vls.....	..	: 20.00
18° 170 lb chgs.....	..	..	Tech. powd., 300 lb bbls.....	..	..	Adeps Lanse, hydrous 350 lb bbls.....	.13	: .21
c/l wts.....100 lb	..	: 1.35	Salicylic, tech., 125 lb bbls.....	.33	: .34	Anhydrous, 350 lb bbls.....	.18	: .23
Tank cars, wts.....net ton	..	..	USP, 100 lb bbls.....	.34	: .35	Albumen, Egg. edible.....	1.20	: 1.25
32°, 150 lb chgs.....	..	..	Second Hands.....	.33	: .34	Tech. 100 lb drs.....	.95	: 1.15
c/l wts.....100 lb	..	: 1.35	Sulfamic, 250 lb bbls.....	.15	: .18	Blood 225 lb bbl.....	.48	: .50
stoviac, C & USP, see Acid Hydrochloric	..	..	SULFURIC, 66° 180 lb chgs.....	1.50	: 1.55	Vegetable.....	.60	: .65
Naphthionin, tech. 250 lb bbls.....	.55	: .59	1c/l wts.....100 lb	..	: 1.35	ALCONSUL, USP, 190 pt. 50 gal.	4.90	: 5.00
Redwood, single bbls.....	..	: .62..	Chgs., c/l wts.....100 lb	..	..	bbls.....	..	..
Sterile & Winthor's, 350 lb	1.00	: 1.05	1500 lb Drums, 1c/l	..	..	Second Hands, bbls, USP 190	..	..
bbls.....	..	..	wts.....100 lb	..	: 1.10	pt.....	..	..
NITRIC, 36°, 135 lb	..	..	Drums, c/l wts.....100 lb	..	: .80	Export, USP, 190 pt.....gal	.50	: .85
Chgs. 1c/l wts.....100 lb	4.75	: 5.00	Tank cars, wts.....net ton	..	: 14.00	Cologne Spirit, 50 gal. bbls.....gal	5.00	: 5.10
Chgs. c/l wts.....100 lb	4.50	: 4.75	60° 1500 lb Drums	..	..	W88D, see Methanol	..	..
38° 1c/l chgs. wts.....100 lb	5.25	: 5.75	1c/l wts.....100 lb	..	: 1.00	Alcohols also in 50 gal.	..	..
Chgs., c/l wts.....100 lb	5.00	: 5.25	Drums, c/l wts.....	..	: .80	drums extra and returnable.	..	..
40° 1c/l chgs. wts.....100 lb	5.75	: 6.00	Tank cars, wts.....net ton	9.50	: 10.00	Butyl, 50 gal. drs. wts., c/l.....	.24%	: .25%
Chgs., c/l wts.....100 lb	5.50	: 5.75	C.P. 175 lb chgs.....	.07	: .08	Drums, 1c/l wts.....	.25%	: .26%
42° 1c/l chgs., wts.....100 lb	6.25	: 6.75	Oleum 20 p.c. 1500 lb drums	..	..	Tank cars, wts.....	.24%	: .25%
Chgs., c/l wts.....100 lb	6.00	: 6.35	1c/l wts.....100 lb	..	: 1.40	Isobutyl, crude, 50 gal. drs.....gal	..	..
C. P. chgs. single wts.....100 lb	.13	: .13	Drums, c/l wts.....100 lb	..	: 1.15	Refined, 10 lb cans.....	..	..
Oleum, 300 lb bbls., wts.....	.10%	: .11	Tank cars, wts.....net ton	17.00	: 18.00	Isopropyl, Refined, 90-91%,	..	..
Bbls., NY.....	.10%	: .11	Oleum, 40% drs 1c/l wts.net ton	..	: 40.00	50 gal. drs.....gal	1.00	: 1.25
Keps, 100 lb NY.....	.11%	: .11%	Oleum, 60% drs., 1c/l wts.net	ton 60.00	: 70.00	Ref'd, 98-99%, drs.....gal	1.25	: 1.50
Imp. 500 lb casks.....	.10%	: .11	Sulfurous, USP 6% 100 lb chgs. lb	.05	: .06	Propyl. nml. crd. 50 gal. drs.....gal	..	: 4.40
Phenylchloride, domestic.....	9.20	: 9.60	4% 100 lb chgs.....	.04	: .05	Refined, 10 lb cans.....	..	: .75
Imported, 5 lb.....	6.00	: 6.25	USP. 5 gal. casks.....	.06	: .08	Denatured	..	..
Phosphoric, 50% tech. 120 lb	..	..	Tannic, tech. 300 lb bbls.....	.30	: .40	No. 1, Complete Denat. 190 Proof	..	..
chgs.....	.07	: .07%	USP, powd. 200 lb bbls.....	.75	: .80	50 gal. bbl. incl.....gal	.61%	: .63%
Drums, c/l wts.....100 lb	..	: .80	USP. Suffy, 50 lb bbls.....	.75	: .80	Car lots.....gal	..	: .60%
Denat.....	.15	: .17	Tartaric, USP, crys. 300 lb bbls.....	..	: .39	50 gal. drums, extra.....gal	.63%	: .64%
Imported.....	..	: .16%	USP, powd. 300 lb bbls.....	..	: .39	Car lots.....gal	..	: .50%
Second Hands.....	.15	: .16	Imp. USP, 240 lb bbls.....	.27%	: .29	No. 1, Special Denat. 190 Proof	..	..
Naphthol.....	..	..	Powd., 240 lb bbls.....	.28	: .28%	50 gal. bbl. incl.....gal	.60%	: .62%
Picramic, 300 lb bbls.....	..	: .50	Tobias, 250 lb bbls.....	..	: .85	Car lots.....gal	..	: .58%

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## Chemicals

## ALCOHOL, DENAT. (Cont.)

50 gal. drums, extra.....gal	.52%	.54%
Car lots .....		.50%
No. 5, Complete Denat. 188 Proof		
50 gal. bbl. incl. ....gal	.59%	.61%
Car lots .....		.57%
50 gal. drums, Extra .....	.52%	.54%
Car lots .....		.50%
No. 6, Complete Denat. 188 Proof		
50 gal. bbl. incl. ....gal	.58%	.60%
Car lots .....		.56%
50 gal. drums, extra.....gal	.51%	.53%
Car lots .....		.49%

In addition to the regular authorized formulas for completely denatured alcohol, some 75 formulas for specially denatured alcohol are authorized for special uses. Owing to the limitations of their use however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulas in products authorized by the Dept. of Internal Revenue.

Alc. USP, 100 lb. case.....lb	.85	.88
Alpha-Naphthyl crude 300 lb. bbl.	.85	.85
Refined .....	.85	.90
Alpha-Naphthylamine, 350 lb. bbl.	.35	.37
Ten lots, bbl. wis. ....		.35
ALUM, Ammonia, lump 400 lb. bbl.		
Wis., 1c/l .....	3.15	3.50
Imp., 500 lb. casks.....100 lb		
Ground, 400 lb. bbl. wis.100 lb	3.30	3.75
Food, 350 lb. bbl. wis.100 lb	3.55	3.90
Chrome, 500 lb. cks., wis.100 lb	5.35	5.50
Potash, lump 400 lb. bbl.		
Wis. ....	3.50	3.75
Bbls., c/l wis. ....	3.35	3.40
Ground, 400 lb. bbls. wis.100 lb	3.50	3.85

## ALUMS, Potash (Cont.)

Imp, 350 casks.....100 lb	2.75	
Food, 350 lb. bbl. wis. ....	4.00	4.50
Chrome, 500 lb. cks. wis. ....	5.35	5.50
Soda gr. 400 lb. bbl. wis. ....	3.75	
Bbls., c/l wis. ....	3.50	
Aluminium, metal, c/l NY. ....	27.00	28.00
Chloride, anhyd. 275 lb. drs. ....	.20	.22
Crystals, 375 lb. bbls. ....		.06%
30% sol. 120 lb. cks. ....	.03%	.04
Hydrate 96% light 90 lb. bbls. ....	.17	.18
Heavy 62-64%, 220 lb. bbls. ....	.06	.06%
400 lb. bbls. wis. ....	.06%	.07
Stearate, 100 lb. bbls. ....	.31%	.32
SULFATE, Iron-free bags c/l		
Wis. ....	2.00	3.10
Bbls., c/l wis. ....	2.15	3.25
Imported, spot .....	1.70	1.75
Comm'l. 1/4 iron bags c/l		
Wis. ....	1.40	
Cont. bag c/l wis. E. ....	1.35	1.40
Bags, c/l wis. W. ....		1.40
Bbls., c/l wis. East. ....		1.55
Bulk, c/l cont. wis. E. ....		1.50

## Amidol (see Diaminophenol)

Amidoglycine, Imp., 10 lb. boxes ..	4.90	4.75
Domestic, 10 lb. boxes ..		4.75
Aminoacetic acids, 110 lb. bags ..	1.15	
Water, 26° 800 lb. drs. wis. ....		.06%
Drs. c/l wis. ....		.06%
C.P., cks. ....		.12
Imp., 800 lb. drs. incl. spot. ....	.06%	.06%
26° 100 lb. cks. 1c/l wis. ....	.08%	.08%
Chys., c/l wis. ....		.08%
20° 800 lb. drs. c/l wis. ....		.04%
Chys. 1c/l wis. ....		.05%
18° 800 lb. drs. c/l wis. ....		.04%
Chys. 1c/l wis. ....		.04%

## AMMONIA (Cont.)

16° 800 lb. drs. 1c/l wis. ....		.03%
Chys., c/l wis. ....		.04
Ammonium Acetate, 100 lb. bags ..		.43
Benzoate, USP, 1 lb. bot. ....		1.27
Bifluoride, 300 lb. bbls. ....	.21	.23
100 lb. kegs .....	.23	.23
Bromide, 450 lb. bbls., 50 lb. bxs. ....	.53	.54
Imported, 112 lb. boxes .....	51	.52
Shipment .....		.53
Carb. tech. 500 lb. casks .....	.08%	.09
Food, tech. 385 lb. bbls. ....	.07%	.08
USP, lump, 100 lb. kegs .....	.12	.12%
Food, 100 lb. kegs .....	.13	.13%
Chloride, Domestic		
White, 250 lb. bbls., c/l wis. ....	.07%	.07%
250 lb. bbls., 1c/l wis. ....		.07%
Imported white 500 lb. casks spot	.05%	.05%
Gray, 250 lb. bbls., wis. ....	.07%	.07%
Bbls., c/l wis. ....		.07%
Imported gray 250 lb. casks .....	.06%	.07
Lump, 500 lb. casks spot. ....	.12	.12%
Ichthyolate, as to brand. ....	4.85	5.00
Iodide, USP, 25 lb. jars .....		5.20
Lactate, 500 lb. bbls. ....	.15	.16
Nitrate, tech. crys., 225 lb. bbls. ....		
Refined Crystals, bbls. ....	.21	.23
CP gran. 100 lb. bags .....	.35	.37
Oxalate, pure, 100 lb. bags .....	.35	.37
Perulfate, 220 lb. bbls. ....	.28	.29
Phosphate, dibasic 200 lb. bbls. ....		.38
Tech. powd. 325 lb. bbls. ....		.18
Phosphate, mono, 325 lb. bbls. ....	.12	.12%
Salicylate USP, 100 lb. kegs. ....	.75	.80
Sulfate bulk c/l wis. ....	2.60	2.65
200 lb. single bag, c/l wis. ....		2.90
200 lb. double bag f a s 100 lb. ....		2.55
Sulfoyanide, tech., 100 lb. bags ..	.40	.45
CP, 25 lb. jars .....	.50	.58
Amyl Acetate, tech. 50 gal. drs. ....	2.75	3.25
Refined, 50 gal. drums .....	3.50	4.08
Alcohol, see Fuel Oil		

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## Chemicals

ANILINE OIL, 980 lb drums....	.16	: .17
Aniline Salt, 200 lb bbls....	.20	: .22
Ammonia, raw.....	.41	: .43
Anthracene 80-85% 600 lb casks wks.....	.65	: .70
Anthraquinone, subl 125 lb bbls	1.00	: 1.15
Antimony metal, slabs ton lots..	.16	: .16 1/2
Needle Powd, 100 lb cases ..	.15 1/2	: .16
ANTIMONY CHLORIDE, anhyd 1000 lb dra.....	...	: .35
50 lb casks.....	.45	: .48
Sol'n, 130 lb carboys 83°...D	...	: .06
oxide, 500 lb bbls.....	...	: .17
Salt, dom. 500 lb bbls.....	...	: .26
Imp. NY.....	...	: .20
Sulfuret, golden 500 lb bbls..	...	: .20
330 lb kegs.....	.22	: .23
Crimson, 500 lb bbls.....	.48	: .55
336 lb kegs.....	.50	: .57
Vermilion, 500 lb bbls ..	.48	: .53
336 lb kegs.....	.50	: .60
Tartrochlorate, 500 lb bbls....	...	: .45
Antipyrine, USP, 100 lb cases..	1.75	: 1.90
Apomorphine Hydrochloride, 1/4 oz. vials	...	: 22.10
Ardil, double 600 lb bbls.....	.13	: .14
Triple, 600 lb bbls.....	.16	: .17
Conc., 600 lb bbls.....	.18	: .20
Arveline Hydrochloride, 1 oz. vial..oz	8.75	: 10.25
Argals, red powd., 350 lb bbls..	.06 1/2	: .07
arsenic, metal 220 lb kegs.....	...	: .45
Red, 224 lb kegs cases.....	.12 1/2	: .13
White 220 lb cases to 550 lb bbls, NN.....	.04 1/2	: .05
Asbestos, c/1.....	16.00	: 18.00
1c/1.....	20.00	: 22.00
Aspirin, see Acid acetylsalicylic		
Atropine Alk. USP 1 oz vial....oz	6.50	: 7.50
Sulfate, 5 oz cases.....oz	...	: 3.50
Single ounce.....oz	...	: 3.65

BARIUM BINOXIDE, see Barium fluoride		
Carbonate, precip., 300 lb bbls. wks.....	56.00	: 58.00
Precip., 200 lb bgs, wks, ton	54.00	: 56.00
Imports bags, NY.....ton	48.00	: 50.00
Chloride, 800 lb bbls, wks..ton	64.00	: 65.00
200 lb bgs, wks.....ton	63.00	: 64.00
Imports, large crystals, bbls., spot.....	61.00	: 62.00
Small crystals.....ton	60.00	: 61.00
Dioxide, 88% 690 lb dra.....	.13	: .13 1/2
Imports, 86-88% 400 lb dra..	.13	: .13 1/2
Hydrate, 500 lb bbls.....	.04 1/2	: .05
Iodide, 5 lb box.....	...	: 5.15
Nitrate, 700 lb casks.....	...	: .10
Imports cases.....	.07 1/2	: .08
Sulfocyanide, 600 lb bbls.....	.28	: .30
Barwood, chips.....	.04 1/2	: .05
Barytes, floated 350 lb bbls. wks ton	23.00	: 24.00
Imports.....ton	29.00	: 33.00
Crude, a.l.f.....ton	...	: 9.00
Bay Rum, Porto Rico, genuine		
Medicated salicyl. acid or tartar 45 gal. bbls.....gal	.90	: 1.00
Medicated quinine sulf. 45 gal. bbls.....gal	.90	: 1.00
Domestic synthetic, 50 gal Bbls.....gal	.75	: .77
St. Thomas		
Medicated salicyl. acid or tartar emetic, 50 gal. bbls..gal	.90	: .95
Benzaldehyde, tech. 945 lb dra. wks.....	.70	: .75
USP, 40 lb cys.....	1.30	: 1.40
FFC, 40 lb cys.....	1.40	: 1.50
BENZENE, 90% 8000 gal. tanks wks.....	...	: .23
110 gal. dra, wks.....gal	...	: .28
Pure Tanks, wks.....gal	...	: .24
110 gal. dra, wks.....gal	...	: .29
Benzidine Base, dry 250 lb bbls..	.75	: .78
Benzidine Sulfate, paste 350 lb bbls.....	.70	: .72

Benzol, see Benzene		
Benzonaphthol, 5 lb boxes.....	3.50	: 3.60
Benzoyl Chloride, 500 lb dra..	...	: 1.00
Benzyl Acetate, 100 lb cys.....	1.55	: 1.75
Alcohol, 5 lb bot.....	1.45	: 1.55
Benzoate, 5 lb bot.....	1.60	: 1.75
Medicinal FFC.....	1.75	: 2.00
Chloride, 95% tech. 925 lb dra..	...	: .25
100 lb cys.....	.25	: .30
Redistill. 160 lb cys.....	.30	: .35
Formate, 1 lb bot.....	3.25	: 3.50
Berberine Hydrochloride, 1 lb bot....	...	: 22.50
Sulfate, acid or neut. 1 lb bot..	...	: 22.00
BETA-NAPHTHOL, 350 lb bbls.wks	.24	: .25
Carlots, wks.....	...	: .23
Sublimed.....	.55	: .60
Beta-Naphthylamine, tech. 300 lb bbls.....	.63	: .67
Sublimed, 200 lb bbls.....	...	: 1.25
Bichloride Mercury, see Mercury Bichloride		
BISMUTH metal, 100 lb cases..	2.00	: 2.13
Second Hands.....	...	: 2.00
Ammon. Citrate, USP, 5 lb cans...	...	: 5.30
Betanaphtholate, 5 lb bxs.....	...	: 2.80
Citrate, USP, 5 lb cans.....	...	: 2.50
Nitrate, 25 lb jars.....	...	: 1.60
Oxychloride, 25 lb bxs.....	...	: 2.95
Phenolsulfonate, 5 lb cans.....	...	: 2.70
Salicylate, 25 lb bxs.....	...	: 1.70
Subcarbonate, USP, 25 lb bxs....	...	: 2.85
X-Ray diag. 1 lb bot.....	...	: 3.35
Subgallate, USP, 25 lb bxs.....	...	: 2.30
Subiodide, 5 lb lots.....	...	: 4.05
Subnitrate, USP, 25 lb jars.....	...	: 2.35
Second Hands.....	...	: 2.00
Cones, 1 lb bot.....	...	: 3.35
Subsalicylate, USP, 25 bxs.....	...	: 2.50

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## Chemicals

S. OILS (Continued)			
Tannate, 1 lb bot	..... lb	...	2.35
above on hands 25 lb lots			
Smaller lots at an advance			
Slane Pine, dry 400 D bbis. wks ton	80.00	:	96.00
Imported, this	70 00	:	72 00
Pasta, 650 D bbis. .... ton	55.00	:	65.00
<b>BLEACHING POWDER, 700 D dra.</b>			
c/l wks	..... 100 lb	.....	3.00
Drums 16 l/ ex-warehouse	..... 100 lb	.....	3.35
Contract, c/l wks	..... 100 lb	.....	1.90
Drums, 16 l/ wks	..... 100 lb	.....	2.15
Imported, spot	..... 100 lb	.....	1.95
Blood, dried, f o b NY	..... unit	3.60	3.65
Chicago	..... unit	.....	3.50
S. Am. shipment	..... unit	3.75	3.90
see instrument, see Mercury			
aloes, bruise Chinese, Millar.			
Franklin, Soluble	.....	.33	.35
virtue, see Sulfate			
Bacon, 3 & 50 gr. steam Chap unit			22.50
Raw, NY	..... ton		36.00
Cone Ash, 100 lb bags	..... lb	.06	.07
Black, 200 D bbis	..... lb	.....	.66
Barax, crys. 400 D bbis	..... lb	.05 1/2	.05
Powdered, 800 D bbis	..... lb	.05	.05 1/2
Kaga, 100-150 lb	..... lb	.05 1/2	.06
Gardolac Mixture, 10% pd. bbis. lb	.....	.11 1/2	.18
Pasta, bbis. lb	.....	.08	.10
Strained, 1 lb bot	..... lb	.....	3.50
Surrogate, see Sulfur			
(Freight allowed)			
British Gum, com c/l	..... 100 lb	8.02	8.07
16 l/	..... 100 lb	8.12	8.17
Pectate, 16 l/	..... lb	.....	.09
Bromide, see potash bromide, etc.			
Bromide, 50 D c/wks	..... lb	.....	.47
Chemicals, 400 D drums	..... lb	.40	.42
Bromofom UEP 5 lb bot ex. lb	.....	1.75	1.85
Bromide Alkaloid, 100 gm. .... oz	.....	.....	.10
Sulfate, 100 gm. .... oz	.....	.....	.10
* use of Antimony, see Antimony Chloride			
Butyl Acetate, tank car, wks. gal	.....	.....	2.25
Drum, c/l wks	..... gal	.....	2.21

ADJUDIUM, metal 100 lb box....	lb	.70	: .75
Acetate, 30 lb cans pure	lb		1.25
Iodide, 10 lb bot.	lb		4.45
.....	lb		
CAFFEINE ALK, USP 5 lb cans	lb	3.75	: 3.87
Second Hand	lb	3.50	: 3.60
hydrochloric, 1 lb bot.	lb	9.05	: 9.35
Sulfate, 1 lb bot.	lb	3.50	: 3.60
Citrate 25 lb cans	lb	2.75	: 2.85
Hydrobromide, 1 lb bot.	lb	4.30	: 4.40
CALCIUM, Acetate, 150 lb up. c/l			
100 lb	...	2.75	
Arsenate, 100 lb bbls c/l wks	lb	.07	: .08
Bromide, 100 lb c/s	lb		.60
Carbide, 220 dr. c/l wks	lb		.04 1/2
Carbide tech. 100 lb bag	lb		
c/l 100 lb	1.00	1.11	
USP, precip. 175 lb bbls	lb		.06 1/2
Chloride, solid, 650 lb drs c/l	ton	21.00	: 23.00
Imp. wks	ton	19.00	: 20.00
Flake, 375 lb drs c/l drs f.o.b.	ton		27.00
wks	ton		
Anhyd, 350 lb drs f.o.b. N.Y.	lb	.18	: .20
Glycerophosphate, 250 lb bbls	lb		1.40
Hydrate, see Lime			
Hydrophosphate, USP, 35 lb cans	lb	.60	: .65
Iodide, 5 lb bot.	lb		4.40
Lactate, tech., 500 lb bbls	lb		13 1/2
USP.	lb	.80	: .80
Nitrate, 220 lb bbls c/l N.Y.	ton		50.00
Phosphate tech., 450 lb bbls	lb	.09	: .10
Phosphate, precip. tribasic, 200 lb bbls, wks	lb	.11	: .14
Phosphate, mono, 325 lb bbls	lb	.07	: .08
Sulfocarbonate, 100 lb bags	lb	.85	: .87
CAMPFEN, Amer. ref. 350 lb bbls	lb		8.84
2 1/2 lb cans, 100 lb c/s	lb		85 1/2
1 lb cans, 100 lb c/s	lb		85 1/2
1 c/s tab., 1 lb cans	lb		
1 c/s tab., 1 lb cans	lb		88
1/2 c/s tab., 1 lb cans	lb		
100 lb c/s	lb		90

CAMPHOR (Cont.)		
Jap. ref., 2 1/2 lb slabs, 100 lb	ca	1.75
1 ca slab, 100 ca 1 lb	lb	.90
1/2 ca slab, 100 lb ca, 1 lb	lb	.90
Chinese ref 2 1/2 lb slabs 100 lb	ca	.90
Cruite, 100 lb ca	lb	.54
Camphor, Unimont, bbls.	gal	2.30
Camphor, L. abrom, 100 lb ca.	lb	1.85
Camwood chips	lb	.09
Camel, 50 gal bbls.	gal	.85
Carbazol, 250 lb bbls.	lb	.86
Carbon Bismuth, 500 drs lei/NY lb	lb	.06
c/1 drums, NY	ca	.054
Carbon Black, c/1 wks bgs.	lb	.08
100-300 lb cases l/c NY	lb	.07
Carbon Dioxide, Liquid, 20-285c/	lb	.06
Carbon Tetrachloride, 1400 lb ca.	lb	.07
Drums, c/1 NY	lb	.074
700 drs, c/1 NY	lb	.074
Carline, 40, 50 lb boxes	lb	4.50
Carsene, edib, 100 lb keg.	lb	.45
Tech. Imp, 200 lb bbls.	lb	12.34
Tresh. Dom.	lb	.13
100 mesh	lb	16.34
Castorone, 1 lb boxes	lb	5.00
Castor Oil, USP, 50 gal bbls.	lb	17.17
Cases, 80 lb 2 tins.	lb	18
Tech. use Fined Oil	lb	18
Castile Potash use potash, castile	lb	
Castile use soda, castile	lb	
Celulose Acetate, 100 lb cases	lb	1.75
Celulose Oxalate, 100 lb kegs	lb	.35
Chalk, 1 lb bbls.	lb	.04
Chalk, 1 lb 750 lb cases	lb	.04
Precip. light 250 lb cases	lb	.0234
Precip. heavy 560 lb cases	lb	.0234
Bulk	lb	5.00
Precip. English, 7 lb bags	lb	.0734
Precip. heavy 560 lb cases	lb	.0234

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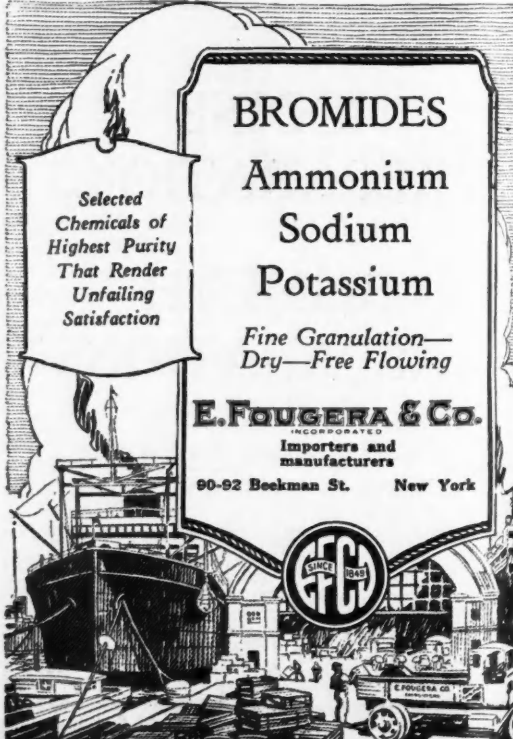
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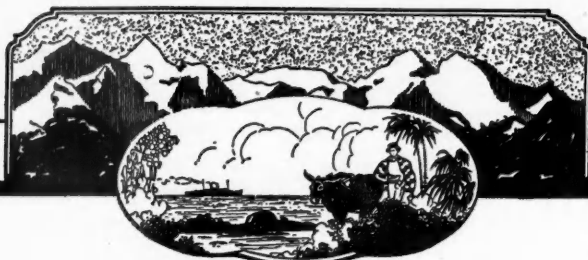
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## Chemicals

<b>CHARCOAL (Cont.)</b>			Cinchonidin Sulfate, 100 ca. tins. os	...	: .40	Colchicine alk. USP, 1 ca. vial. ov	...	: 26.07
Wood, powd., 100 lb. bbls.	..	.04 : .05	Bonale, 1000 ca. lots. os	...	: .39	Salicylate, 1 ca. vial. os	...	: 16.07
Willow, powd., 100 lb. bbls.	..	.05% : .06	Cinchonine alk. powd. 100 ca. tins	...	: .43	Collodion USP 30 lb. drms.	..	: 23
Charcoal, clarified, 25% tins. wtd	..	.01% : .02	Crystal	...	: .35	<b>COPPER metal electrolytic a/l</b>		
Sble, wtd, 60% 100 lb. bags, wtd.	..	.02% : .02%	Sulfate, 100 ca. tins. os	...	: .35	NY	100 lb	13.82 1/4 : 13.75
Powd., 60% 100 lb. bags, wtd.	..	.05% : .05%	Citric Acid, see Acid Citric	...		Lake c/l NY	100 lb	13.75 : 13.87 1/4
Decolorized, bags, wtd.	..	.06% : .07	Citric Ointment, see Mercury	...		Casting, c/l NY	100 lb	...
China Clay, Dom.	ton	6.00 : 9.00	Coal Tar, See Tars	...		Carbonate, 400 lb. bbls.	..	: 14.90
Washed & Ground, wtd.	ton	11.00 : 15.00	Cobalt metal, 100 lb. kegs.	..	2.50 : 3.00	Chloride, 250 lb. bbls.	..	: 16% : 17 1/4
Imp., Filler Clay	ton	18.00 : 25.00	Cobalt Oxide, 500 lb. bbls.	..	: 2.10	Cyanide, 100 lb. drs.	..	: .48 : .50
Coating	ton	20.00 : 25.00	10 lb. tins. 200 lb. cases.	..	: 2.20	Iodide, 5 lb. bot.	..	: 8.55
Chloral Hydrate, USP 100 lb. drs.	..	.60 : .65	COCAINE alk. USP, 1 ca. vial. os	...	: 10.57	Oxide, red 1000 lb. bbls. ton lots	..	: 16 1/4 : 17
25 lb. jars	..	.68 : .70	Hydrochloride, USP—1 ca. vials.	...		Sub-Acetate, verd. 440 lb. bbls.	..	: 23 : 27
Chinoidin, 140 lb. drs.	..	...	25 ca.	...	: 8.07	<b>SULFATE crys. 450 lb. bbls. le/l</b>		
Chloramine-T, 200 lb. bbls.	..	1.85 : 1.50	In 1/4 ca. vials	...	: 8.50	spot	100 lb	4.40 : 4.50
Chloroform, 5 lb. bot.	..	.55 : .65	In crystals, granular, powder,	...		Carlots bbls. delivered 100 lb	..	: 4.80 : 4.40
Chlorhydrin, Ethylene anhyd. 600 lb	..	...	or flaky crystals as desired.	...		Carlots bbls. F O B NY 100 lb	..	: 4.30 : 4.40
40% soln. 100 lb. drs.	..	.75 : .85	Cocoa Butter, bulk, 200 lb. bales	...		Imp. 550 lb. cks. spot.	100 lb	...
CHLORINE, Liquid 2000 lb. cyl.	..	.25 : .30	c/l	...	: .27	Powdered, 350 lb. 5 bbls.	..	: ...
c/l wtd.	..	...	Fingers, cakes, etc. 12 lb. bbs.	..	: .37	Copperas, bulk, c/l wtd.	ton	...
Tank car lots, wtd. Contract.	..	...	CODEINE, alk., ca. vials. 10 ca.	...		200 lb. bbs., c/l wtd.	ton	...
100 lb. cyl. c/l	..	.05% : .05%	lots	...	: 9.87	400 lb. bbls., c/l wtd.	ton	...
100 lb. cyl. le/l wtd.	..	.07 : .08	Hydrobromide, 1 ca. vials. 10 ca.	...		Powdered, bbls.	100 lb	1.90 : 2.00
100 lb. cyl. le/l ex-warehouse.	..	.08 : .09	lots	...	: 7.92	Sugar, 400 lb. bbls.	100 lb	1.25 : 1.35
Chloroform, mona. 100 lb. drs.	..	...	Hydrochloride, 1 ca. vials. 10 ca.	...		<b>Corn Syrup, 42 deg. 50 gal.</b>		
wtd.	..	.08 : .10	lots	...	: 7.42	bbls.	100 lb	...
Dr. c/l wtd.	..	...	Nitrate, 1 ca. vials. 10 ca. lots.	...	: 8.87	42 deg. 50 gal. bbls.	100 lb	...
Tank car lots wtd.	..	...	Phosphate, 1 ca. vials. 10 ca.	...		44 deg. 50 gal. bbls.	100 lb	...
CHLORFORM, USP, 50 lb. drs.	..	.30	lots	...	: 7.42	45 deg. 50 gal. bbls.	100 lb	...
Second Hands, 550 lb. drs.	..	.25 : .27	Salicylate, 1 ca. vials. 10 ca.	...		...	100 lb	...
Technical, 650 lb. drums.	..	...	lots	...	: 7.42	Corn Sugar, see Glucose	...	
Chlorophyll, Oil Sol.	..	2.50 : 2.75	Sulfate, 1 ca. vials. 10 ca. lots.	...		Cotton Soluble, 100 lb. bbls. wet.	..	: .40 : .42
Water Sol.	..	3.75 : 4.00	Small sizes, 1/4 ca. vials. 50c extra.	...		Cottonseed, Meal, 7%.	ton	33.00 : 35.00
Chemium Acetate, 20% soln. 400 lb	..	...	1/4 ca. 30c extra, singles 7c extra	...		Coumarin, 25 lb. tins 100 lbs.	..	: 3.25 : 3.45
bbls.	..	...	per ca.—25 ca. lots, 10c ca. cheaper	...		Second Hands	..	: 3.25 : 3.30
Fluoride, Powd., 400 lb. bbls.	..	.24 : .26	than above. Less than 10 ca. 15c ca.	...		<b>CREAM TARTAR, USP, 300 lb</b>		
Chrome, Green, CP.	..	.26 1/4 : .28	higher than above.	...		bbls.	..	: .22 : .22 1/4
Chrome.	..	.08 1/4 : .11	CODLIVER OIL, Norwegian., 30 gal	...	34.00 : 36.50	Imp. powd. USP, 224 bbls.	..	: .21 1/4 : .23
Chrome, yellow	..	.18 : .20	bbls.	...		Cresote, USP, 42 lb. chys.	..	: .40 : .42
Chrysarolin, Powd., 400 lb. bbls.	..	5.25 : 5.35		...		Carbonate, 100 lb., 50 lbs.	..	: 1.30 : 1.90
Cinchonidin alk., powd 100 ca. tins. os	..	...		...		Cresote Oil, 50 gal. drs.	..	: .25 : .30
Crystal	..	.65 : .68		...		Cresol, USP, 400 lb. drums.	..	: .20 : .22
				...		Cudbear, English	..	: .19 : .20



FORMIC ACID 85/90%

SODIUM SULPHIDE

Epsom Salts, Tech.

Sal Ammoniac

Barium Chloride

Sodium Sulphide

Bicarbonate Potash, U.S.P.

Glauber Salts

Yellow Prussiate of Potash

**EUGENE SUTER & CO., Inc.**

160 BROADWAY

NEW YORK

Importers and Exporters of Industrial Chemicals

Manufacturers Agents

BASLE

SWITZERLAND



Cable Address: GENESUTER

## Chemicals

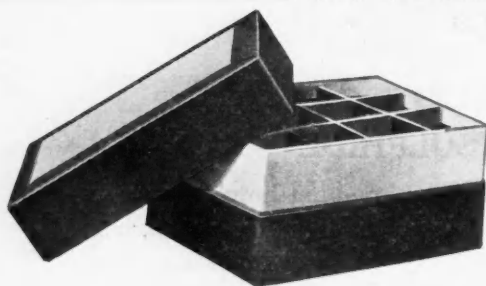
Cutech, Bangoon, 100 lb bales....	..	32	Dobutaine Sulfate, 1 oz. vial.....	..	80.07	FERRIC CHLORIDE, tech. crys.		
Borneo, solid, 100 lb bales....	..	.08%	EARTH, Diatomaceous, see Kieselguhr			475 lb bbla. ....	..	.07%
Liquid, 450 lb bbla. ....	..	.09	Egg Yolk, 150 lb cs. ....	..	.50	Imported .....	..	.04%
Tablets, 120 lb boxes ....	..	.18	Emetine alk., 15 gr. vial.....	..	1.30	C.P. crys. 100 lb kegs .....	..	.10
Cyanamide, bulk, c/l wks, Amm, unit	1.87%	2.00	Hydchlde, USP, 1 oz vial.....	..	17.00	Imported .....	..	.06
Cyclohexanol, see Hexalene			15 gr. vials .....	..	.82	Neut. Sol'n 42° 140 lb chys. ....	..	.06%
Cymene, See Para-Cymene			EPSON SALT, tech. 300 lb bbla.			46°, 140 chys. ....	..	.08
Dextrin, white corn 140 lb bgs.			NY .....	..	2.15	USP Sol'n 125 lb chys. ....	..	.06%
c/l .....	..	4.82	bbla. c/l NY .....	..	2.00			
Canary .....	..	4.87	100 bgs., c/l NY .....	..	1.75			
bags, lc/l .....	..	4.82	Imp., 220 lb bgs. c/l					
Potato, 220 lb bgs, lc/l .....	..	.08%	NY .....	..	1.28	Ferrous Chloride, crys. tech.		
Yellow, 220 lb bgs .....	..	.08%	USP, 300 lb bbla. 10 bbla. ....	..	2.50	475 lb bbla. ....	..	.06
Tapoca, 200 lb bgs, lc/l .....	..	.09%	Carlots, bbla. ....	..	2.25	Ferrous Sulfide, 1000 lb bbla. ....	..	2.50
DIAMINOPHENOL, 100 lb kegs .....	..	3.50	Imported, 400 lb bbla. ....	..	1.90	100 lb bbla. ....	..	3.00
Dianisidine, 100 lb kegs .....	..	3.80	100 lb kegs .....	..	2.25	Fish Scrap, dried wks .....	..	4.00
Dibutyl Phthalate, wks. ....	..	.45	Kroton, Bonjean, 1 lb jars .....	..	8.00	acid Bulk 7 & 3 1/4 Devis	..	.10
Dichlorobenzene, 1000 lb drs. ....	..	.06	Kserine alk., 1 oz. vial.....	..	80.07	Norfolk & Balt. basis. unit	4.25	.50
Diethylamine, 400 lb drs. ....	..	2.50	Sulcyate, USP, 1 oz vial.....	..	24.00	Fiske-White, see lead white		
Diethylamine, 850 lb drs. ....	..	.60	Sulfate, USP, VIII, 1 oz vial.....	..	18.00	Flavine .....	..	.90
Diethyl Phthalate, 25 lb cans. ....	..	.40	ETHER, USP, 55 lb drums .....	..	.15	Fluorapar, 95% 220 lb bags, ex-		
1000 drs. ....	..	.35	Anaesthesia, 55 lb drums .....	..	.19	dock .....	..	25.00
Diethyl Sulfate tech. 50 gal. drs. ....	..	.20	USP, 1880 55 lb drums .....	..	.45	96% bgs. ....	..	33.50
CF drums .....	..	.40	Washed, 55 lb drums .....	..	.37	98% bgs. ....	..	35.00
Digitalin, Pure, 1 oz. vial.....	9.75	10.25	Motor 1 lb cans .....	..	.25	FORMALDEHYDE, USP 400 lb bbla.		
Dimethylamine, 400 lb drs. ....	..	2.50	Ether, Nitrous, 1 lb bot. ....	..	.90	c/l wks .....	..	.08%
Dimethylsulfate, 100 lb drs. ....	..	.50	Ethyl Acetate, 99% 50 gal. drs. gal	1.15	1.18	Carboys, 100 lb lc/l wks .....	..	.10%
Dinitrobenzene, 400 lb bbla. ....	..	.14%	85% Ester, 100 gal. drs. gal	..	.50	Bbls, 400 lb lc/l wks .....	..	.09
Dinitrochlorobenzene, 400 lb bbla. ....	..	.15	Carlots, drums .....	..	.87	Fomil Flour .....	..	.02%
Dinitrochlorine, 300 lb bbla. ....	..	.18	Carlots, drums .....	..	.85	Formanline .....	..	.38
Dinitrophenol, 350 lb bbla. ....	..	.32	Refined, drums .....	..	1.73	Fuller's Earth, 300 lb bgs. c/l		
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Bromide, 115 lb drs. ....	..	.40	mines .....	15.00	17.00
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Chloride, 200 lb drs. 15 lb cyl. ....	..	.24	Imported, 230 lb bags, NY .....	35.00	40.00
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Methyl Ketone, 50 gal. drs. ....	..	.27%	Furfural, 300 lb bbla. ....	..	.22
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Morphine, see Morphine, Ethyl			Fusel Oil, 10% Impurities, drs. gal	2.60	2.80
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Ethyl Benzyl Aniline, 300 lb drs. ....	..	1.05	Furic, solid 50 lb boxes .....	..	.20
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Ethylene Bromide, 600 lb drs. ....	..	.70	Crytals, 100 lb boxes .....	..	.20
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Chlorhydrin, anhyd. 50 gal. drs. ....	..	.75	Liquid, 51°, 800 lb bbla. ....	..	.10
Dinitroresorcinol, 350 lb bbla. ....	..	.32	40% Solution, 50 gal. bbla. ....	..	.35	Fumatic, sticks .....	..	30.00
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Dichloride, 50 gal. drs. ....	..	.30	Chips .....	..	.04
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Glycerol .....	..	.80	G. SALT, paste 350 lb bbla. basis		
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Ethylhexamethylene .....	..	.48%	10% .....	..	.50
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Eucalyptol, 25 lb cans .....	..	.30	Gall extract .....	..	.20
Dinitroresorcinol, 350 lb bbla. ....	..	.32	Feldspar, bulk .....	..	30.00			

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Fine Paper Boxes

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# Chemicals

Bambler, 25% liq, 450 lb bbls..D	.14	: .15	NEMATINE, Paste, 500 lb bbls..D	.09	: .12	Iodine Tinct. USP, 50 gal bbls..D	4.50	: 4.55
Common, 200 lb cases.....D	.19 1/2	: .20	Crystals, 400 lb bbls.....D	.13	: .30	Carboys.....gal	4.55	: 4.60
Singapore cubes, 150 lb bags..D	..	: .23	Hemlock, 25% 600 lb bbls. wks.D	.08 1/2	: .03%	Second Hands.....gal	4.30	: 4.40
Gelatin, USP silver 1 lb. 100 lb cs.D	.60	: .65	Hemlock, bark.....ton	..	: 20.00	Iodoform, powd., 10 lb bot.....D	..	: 6.00
Gold Label, 100 cases.....D	..	: 1.00	Hexalene, 50 gal. dra., wks.....gal	..	: 4.75	Crystals, 10 lb bot.....D	..	: 6.05
Technical, 100 lb cs.....D	.45	: .50	Hexamethylenetetramine, USP	..	: .62	Iridium, metal 10 oz. lots.....oz	..	: 200.00
CLAUDER'S SALT, tech. 200 lb bags	..	: .60	100 lb drums.....D	.60	: .62	Iron, metal by hydrogen 1 lb bot..D	.80	: 1.00
c/l wks.,.....100 lb	1.10	: 1.20	Imported.....D	..	: .63	IRON & AMM. CITRATE, USP 50 lb	..	: .69
le/l wks.,.....100 lb	1.35	: 1.45	Rubber Makers, Impalp. Pd.	..	: .85	cans.....D	..	: .69
350 lb bbls., c/l wks.....100 lb	1.25	: 1.35	dra.....D	.82 1/2	: .85	Green scales, 500 lbs.....D	..	: .69
Bbls. le/l wks.....100 lb	1.50	: 1.60	Homatropine Hydrobrom. USP 1 oz.	..	: 1.65	Cacodylate, 100 lb bot.....D	7.50	: 7.60
Imported, bags, NY.....D	.85	: .90	vials.....oz	..	: 13.50	Citrate, USP VIII 25 lb cans..D	.94	: 1.01
USP, 300 lb bbls. Imp. sp. 100 lb	..	: 1.25	Five ozs., 1 oz vials.....oz	..	: 17.07	Chloride, see Ferric or Ferrous	..	: 1.55
USP, 300 lb bbls. dom. sp. 100 lb	..	: 1.75	Hydrastine Alk. USP, 1 oz vial.oz	..	: 18.07	Hypophosphite, 5 lb cans.....D	1.55	: 1.60
USP, 300 lb bbls. c/l wks. 100 lb	..	: 1.40	Sulfate, 1 oz vial.....oz	..	: 20.07	Syrup USP 5 lb, bot.....D	.35	: .36
Calced, see Sodium Sulfate	..	: .13	Hydrastine Hyochlide, USP 15 gr.	..	: 14.57	Iodine, 1 lb bot.....D	..	: 4.28
Glucose, (Grape Sugar) dry, 100	..	: 4.19	vials.....oz	..	: 14.57	Syrup, USP, 5 lb bot.....D	.35	: .36
70° bags, c/l NY.....100 lb	4.19	: 4.44	Hydrobenzene 100 lb kgs.....D	..	: .	Nitrate, kgs.....D	.09	: .10
Syrup, Drs., & bbls c/INY 100 lb	4.16	: 4.35	HYDROGEN PEROXIDE, 25 vol. 400 lb	..	: .08	Com'l, bbls.....100 lb	2.50	: 3.25
le/l NY.....100 lb	4.26	: 4.45	bbls.....D	..	: .37	Oxalate scales, 25 lb cans..D	.97	: 1.00
GLUE, pure white, bbls.....D	.22	: .26	100 vol. 140 lb chys.....D	.34	: .05	Oxide, red, Spanish.....D	.02 1/2	: .03 1/2
Medium white, bbls.....D	.30	: .34	USP Soln. 375 lb bbls.....D	.04	: .48	English.....D	.10	: .12
French, bbls.....D	.18	: .25	100 vol 145 chys.....D	..	: 7.75	Perchloride, see Ferric Chloride	..	: .07
High Grade, bbls.....D	.35	: .40	USP bot. 4 oz. cases.....gross	11.10	: 8.00	& Ammon. Oxalate, 25 lb bbs..D	.41	: .44
Bone, regular, bbls.....D	.10	: .13	Bot. 8 oz. cases.....gross	18.25	: 12.00	& Potassium Oxalate, 25 lb bbs..D	.32	: .35
Fish, bbls.....gal	1.50	: 1.75	Bot. 16 oz. cases.....gross	1.40	: 1.50	& Sodium Oxalate, 24 lb bbs..D	..	: .69
Hide bbls, c/l P, 550 lb drums..D	..	: .19	Hyocine Hydrobrom, USP 1 oz.	..	: 13.57	Phosphate, USP, 50 lb.....D	..	: .74
Cans, 50 lb.....D	.20	: .22	vial.....oz	..	: 13.07	Pyrophosphate, USP, 50 lb.....D	3.75	: 4.00
Dynamite, 100 lb dra.....D	.18	: .18 1/2	Five oz., 1 oz vial.....oz	..	: 25.07	JALAP RESIN, lump, 5 lb tins..D	4.00	: 4.25
Saponification, tanks.....D	.13 1/2	: .13	Hyosciamine Alk Cryst, 1 oz vial.oz	..	: 75.07	Powd, tins.....D	60.00	: 70.00
Soap, Lye, tanks.....D	..	: .13	Alkaloid, Amorphous, 1 oz. vial.oz	..	: 35.07	KIESELGUHR, 95 lb bags NY.....ton	..	: .03 1/2
Goa Powder, see chrysarobin	..	: .05	Sulfate, 1 oz vial.....oz	..	: 25.07	LANGLIN, see Adeps Lanas	..	: .07
Graphite, crude, 220 lb bags.....ton	15.00	: 35.00	Hyperic, 51°, 600 lb bbls.....D	.15	: .17	Larch, 25%, 600 lb bbls., wks..D	.03 1/2	: .04
Flake, 500 lb bbls.....D	.05	: .09	Hyperic, chips.....D	.08 1/2	: .07	Powd., 100 lb bags, wks.....D	.07	: .08
Ground, lump, bbls.....D	.04	: .05	INDOL. C.F., 1 oz bot.....oz	6.00	: 6.50	LEAD, metal c/l NY.....D	..	: .08 1/2
Guaiac Liquid, USP, 25 lb cans..D	2.30	: 2.35	Iodides, see Potass. Iodide, etc.	..	: 1.28	Acetate, white crystals, 500 lb	..	: .14 1/2
Resinate, 1 lb bot.....D	..	: 13.00	Indigo, Macras, bbls.....D	.15	: 1.30	bbls, wks.....D	..	: .15 1/2
Carbonate, 5 lb boxes.....D	2.75	: 3.00	Indigo, 20% paste, drums.....D	..	: 4.20	100 to 250 lb kgs, wks..D	14.25	: 14.75
Second Hands.....D	2.15	: 2.35	IODINE, crude, 200 lb kgs.....D	4.85	: 4.70	White, broken, bbls., wks. 100 lb	16.00	: 16.50
HAARLEM OIL, Dom. 6 gr. oz. gr	3.75	: 4.00	Resublimed, 10 lb jars.....D	..	: .15	White, gran. bbls., wks. 100 lb	..	: 18.00
Imported, 5 gr. cases.....gross	2.75	: 3.25	..	..	: .15	White, powd, bbls wks, 100 lb	..	: 14 1/2
Halazone, 5 lb bot.....D	..	: .15	..	..	: .15	Brown, broken, bbls., wks..D	..	: .15

## Röhm & Haas Company, Inc.

We manufacture a wide range of standard Heavy Chemicals and a number of Special Products for the Tanning, Textile, Colour Lake, Printing Ink, Photographic and other Industries

### ACIDS

Acetic  
Muriatic  
Nitric  
Sulfuric  
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Sulfate  
commercial  
iron free  
  
Chloride  
liquid  
crystals

### SODIUM SALTS

Bisulfite  
liquid  
dry  
  
Hyposulfite  
commercial  
photographic

Sulfate  
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Sulfide  
crystals  
concentrated 60/62°  
fused  
granular

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## Chemicals

## LEAD ACETATE (Cont.)

USP, 100 lb bags.....	.19	: .19%
Armenia, 100 lb bags.....	.13	: .14
Bolia, c/l via.....	.12 1/2	: .13
Bolia, 1c/l via.....	.13	: .13 1/2
Paste, 100 & 600 lb bbls.....	.08	: .09
Iodide, USP, VIII 5 lb bot.....	2.30	: 2.40
Nitrate, 500 lb bbls via.....	..	: .12
Oxide, litharge, 500 lb bbls.....	..	: .11 1/2
100 lb bags, via.....	..	: .15%
Oxide, red, 500 lb bbls, via.....	..	: .11%
100 lb bags, via.....	..	: .10 1/2
Formate, 100 lb drs.....	.25	: .30
White, basic carb. 500 lb bbls via.....	..	: .10%
100 lb bags, via.....	..	: .14%
White, sulfate 500 lb bbls via.....	..	: .10%
Bolia, c/l via.....	..	: .10%
Litharge Ekt. Mass, case.....	.11	: .12
Chopped powder, bbls.....	.25	: .40
Sticks, 1 ca. 100 lb case.....	.45	: .50

## LIME, (Salts, see Calcium Salts)

Ground Stone, bags.....	ton	4.50
Live, Bulk.....	ton	2.50
Live, 325 lb bbls. ton lots	..	..
via 100.....	..	1.05
Single bbl, via.....	100 lb	1.05
Hydrated, 167 lb bbl. ton lots	..	..
via.....	100 lb	..
Single bbl. via.....	..	.85
Oyster Shell, 150 lb bbl sing. b	..	.93 1/2
Sulfur, dry 200 lb drs NY b	..	.08 1/2
Dra. c/l NY.....	..	.08
33% Soln. 50 gal bbls N Y gal	.15	: .16
Linalool, 5 lb bot.....	6.25	: 6.75
Litharge see lead oxide	..	..
Lithium Carb. USP, 100 lb kgs. b	1.50	: 1.60
Bromide, 180 lb ca.....	1.90	: 1.90
Citrate, USP, 100 lb kgs.....	1.70	: 1.75
Iodide, 5 lb bot.....	..	5.48
Lithopone, 400 lb bbls, 1c/l via.....	..	.08%
Bolia, c/l via.....	..	.06 1/2
Bags, c/l via.....	..	.06 1/2

## LITHOPONE (Continued)

Imperial, 400 lb bbls.....	.06	: .06%
Litama Cuba.....	.06	: 1.00
Logwood, 51", 400 lb bbls.....	.08 1/2	: .08 1/2
Lower grades.....	.07	: .08
Solid, 50 lb boxes.....	.12	: .15
LOGWOOD, sticks.....	23.00	: 27.00
Chips, 150 lb bags.....	.08	: .08 1/2
Luminal, see Phenylethylmalonimide	..	..
Madder, Dutch.....	.28	: .30
MAGNESITE, crude.....	..	15.00
Calcined, 500 lb bbls.....	..	48.00
Magnesium mtl., sticks 100 lb ca. b	1.25	: 1.30
Carb. tech. 70 lb bags NY.....	.08%	: .07
75 lb bbls. NY.....	.09	: .11
USP, 100 lb bbls.....	.09 1/2	: .10
USP, blocks 100 lb ca. 1, 2, 4	..	..
ca.....	.17	: .19
Chloride, fused 575 lb drs. c/l	..	..
via.....	..	24.00
Flaked, 350 lb drs. via c/l ton	..	36.00
Imp., fused 900 lb bbls NY ton	23.00	: 30.00
Fluocilicate, crystals 400 lb bbls	..	..
via.....	.13	: .15
30% soln. 500 lb bbls via.....	.07	: .07 1/2
Soln. bbls, c/l via.....	..	.06
Glycerophosphate, 5 lb tins.....	..	3.25
Gypophosphate, 5 lb cans.....	..	1.05
Oxide, USP Right, 100 lb bbls.....	..	.42
USP, heavy, 250 lb bbls.....	..	.50
Peroxide, 5 lb cans.....	..	2.40
Potassium, 1 lb tins.....	..	2.62
Salkylate, 100 lb bags.....	.75	: .80
Sulfate see Epsom Salts	..	..
Manganese Borate, 20%,	..	..
200 lb bbls.....	..	.34
100 lb bags.....	..	.25
Chloride, 500 lb cans.....	.06	: .06 1/2
Dioxide, 80-84% 900 lb bbls	..	..
NY.....	80.00	: 85.00
85-90%, 900 lb bbls. NY ton	85.00	: 90.00

## MANGANESE DIOXIDE (Cont.)

Hydrated, precip. 100 lb kgs. b	.15	: .23
Glycerophosphate, 5 lb tins.....	2.90	: 3.00
Hypophos USP VIII 5 lb vials.....	1.35	: 1.40
Iodide, 1 lb bot.....	..	6.65
Ora. bulk, NY.....	.43	: .44
Sulfate, 600 lb cans, NY.....	.07	: .07 1/2
Mangrove, 55% 400 lb bbls.....	.04 1/2	: .05
Mangrove bark, African.....	..	44.00
Shipment.....	..	10.00
Marble Flour, bulk.....	10.00	: 12.00
See also Calcium Carbonate	..	..
MENTHOL, USP, 60 lb cans.....	..	11.00
Less case, 5 lb tins.....	..	12.25
Synthetic.....	..	8.00
MERCURY, metal, 75 lb flasks, flask	82.50	: 83.50
Less Flasks, 5 lb jugs.....	..	1.20
Bichloride, cryst. 25 lb bxs.....	..	1.20
Gran. powd. 200 lb bags.....	..	1.10
Bisulfate, 25 lb boxes.....	..	1.10
Blue Mass, 25 lb boxes.....	..	.71
Powdered, 25 lb boxes.....	..	.73
Blue Ointment, USP, 25 lb cans	..	..
50%.....	..	.94
USP, dilute 25 lb cans 80% b	..	.71
33 1/3% Mercury.....	..	.80
Calomel, 50 lb bxs.....	..	1.37
Citrine Ointment, 25 lb jars.....	.54	: .58
Iodide, green 25 lb jars.....	..	4.10
Red, USP, 25 lb jars.....	..	4.20
Yellow, USP, VIII 25 lb jars.....	..	4.10
Oxide, Yellow, USP, 25 lb bxs. b	2.00	: 2.04
Tech.....	..	1.43
Red Precip. USP, 25 lb bxs. b	..	1.48
Powder, USP, 25 lb bxs. b	..	1.58
White Precip. USP, 25 lb bxs. b	..	1.59
Powdered, USP, 25 lb bxs. b	..	1.64
With chalk, USP, 25 lb bxs. b	..	.71
Meta-Nitro-aniline.....	.73	: .77
Meta-Nitro-para-Toluidine, 300 lb	..	..
bbls.....	1.90	: 2.00

# QUININE

## Sulphate and Minor Salts

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### Cinchonine, Cinchonidine Quinidine and their Salts

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## Chemicals

<b>Meta-Phenylenediamine, 300 lb</b>			<b>MORPHINE (Cont.)</b>			<b>Nitrobenzene, crude, 1000 lb drs.</b>		
bbis.	lb	.90 : .92	acetate, 5 ea. tin 10 ea. lots	ea.	7.33	whs.	lb	.09 : .09 1/2
<b>Meta-Toluylenediamine, 300 lb</b>			hydrobromide, 5 ea. tin 10 ea.	ea.	7.33	Seftistillou 1000 lb drs. whs. lb		.09 1/2 : .10 1/2
bbis.	lb	.78 : .80	lots	ea.		Nitrogenous Material	unit	3.85 : 3.86
<b>METHANOL (Wood Alcohol)</b>			dichloride, 5 ea. tin 10 ea.	ea.	7.33	Nitronaphthalene, 550 lb bbis. lb		.20 : .21
95% tanks	gal	.55	lots	ea.		Nitrosolene, mixed 1000 lb drs.		.14 : .15
Drums, e/l	gal	.58	synth. Hydrochloride, 1/2 ea. via. 10	ea.	9.25	<b>Nutgalls, see Crude Drugs</b>		
Drums, lc/l	gal	.60	Small Sizes: 1/4 ea. vials, 50c extra;			Oak bark, whole	ton	20.00 : 23.00
97% tanks	gal	.67	1/2 35c extra; single ea. via. 7c extra, over price for 5 ea. tins. 25 ea.			Ground	ton	35.00 : 40.00
Drums, e/l	gal	.60	lots in 5 ea. tins, 10c ea. lower than above schedule. Less than 10 ea. lots			Oak, tanks, whs.	lb	.03 1/2 : .04 1/2
Drums, lc/l	gal	.62	15c ea. higher than above schedule.			23-25% liq. 600 lb bbis whs lb		.04 1/2 : .05 1/2
Pure, Acetate free, tins	gal	.65	Musk Ambrette, 1 lb cans	lb	10.50 : 11.75	Ochre	lb	.03 1/2
Drums, e/l	gal	.67	Myrobalsans, 25% liquid bbis. lb		.04 1/2 : .04 1/2	<b>Oil MINERAL, wh, 50 gal bbis gal</b>		
Drums, lc/l	gal	.70	50% solid, 50 lb boxes	lb	.08 1/2 : .08 1/2	Russian	gal	1.05 : 1.20
plus incl. 5c higher			Imported	lb	.06 1/2	<b>Oil Mirbane, see nitrobenzene</b>		
<b>Methyl Acetone, 100 gal drums gal</b>			Myrobalsans, bags J1	ton	71.00 : 72.00	<b>Optum, see crude drugs</b>		
Tanks, cans	gal	.70 : .75	R2	ton	50.00 : 52.00	Jrange Mineral, 1100 lb cans NY lb		.14
Chloride, 90 lb cyl.	gal	.50 : .55	R3	ton	50.00 : 52.00	700 lb bbis, NY	lb	.14 1/2
Salicylate, USP, 50 lb cans	lb	.47	R4	ton	53.00 : 55.00	Ortho-Aminophenol, 50 lb kgs.	lb	2.15 : 2.25
800 lb drums	lb	.45	<b>NAPHTHA, See Solvent Naphtha</b>			Ortho-Anilidine, 100 lb drs.	lb	2.75 : 3.00
Second Hands, cases	lb	.44 : .45	<b>NAPHTHALENE, Flake, 175 lb bbis</b>			Ortho-Dichlorobenzene, see Dichlorobenzene		
Methylene Blue, tech. 100 lb kgs.	lb	1.25 : 1.50	whs.	lb	.05 1/2 : .06 1/2	Ortho-Nitrochlorobenzene, 1200 lb		.37
USP, medicinal 5 lb cans	lb	2.00 : 2.30	bbis., e/l whs.	lb	.05 : .05 1/2	Ortho-Nitrophenol, 350 lb	lb	.90 : .95
Michler's Ketone, 225 lb bbis.	lb	2.00 : 2.25	bbis., second hands, NY	lb	.05 : .05 1/2	Ortho-Nitrotoluene, 1000 lb drs.		.20 : .25
Milk, powd. 150 lb bbis.	lb	.14 : .15	Balls, 350 lb whs.	lb	.06 1/2 : .07	whs.	lb	.20 : .25
Milk Sugar, see sugar of milk			bbis., e/l whs.	lb	.06 : .06 1/2	Ortho-Toluidine, 350 lb bbis.	lb	.25 : .27
Mineral Oil, see oil mineral			bbis., second hands NY	lb	.06 1/2 : .06 1/2	Osage Orange, 51° Liquid	lb	.07 : .07 1/2
Mineral Rubber	ton	25.00 : 75.00	Crushed, shipped, kgs. whs.	lb	.06 : .06 1/2	Powd., 100 lb bags	lb	.13 1/2 : .14
Monocrotaline, 50 gal drums	lb	.48 : .50	Crude, imp., bags	lb	.02 : .02 1/2	Crystals	lb	.18 : .17
Monochlorobenzene, see chlorobenzene			<b>NICKEL</b>			Oxgall, USP, 5 lb bot.	lb	1.75 : 2.50
Monethylaniline, 900 lb drs.	lb	.70 : .80	Ingot, 100 lb kgs.	lb	.31 : .33	Purified, 5 lb bot.	lb	2.00 : 2.50
Monomethyl para-phenyl sulfate, 100 lb drs.	lb	2.95 : 4.20	Salt, single 400 lb bbis, NY	lb	.10 : .11	Crude, 5 lb bot.	lb	1.00 : 1.25
MORPHINE Sulfate, USP 5 ea. tin	ea.	7.33	Double, 400 lb bbis, NY	lb	.10 : .11	<b>PALLADIUM, metal 10 ea. lots</b>		
10 ea.	ea.	7.33	Oxide, 100 lb kgs, NY	lb	.28 : .40	Pancratin, USP, 5 lb bot.	lb	2.50 : 2.75
			Sulfate, 450 lb bbis.	lb	.09 : .10	Papain, 10 lb bot. USP, Powd.	lb	2.75 : 2.90
			Nichel Metal, electrolytic	100 lb	21.00 : 22.00	Crude, 150 lb cases	lb	2.30 : 2.40
			Nicotine, Free 40% 8 lb tins	lb	1.40 : 1.50	<b>Paraffin, ref'd 300 lb ea. slab</b>		
			Sulfate, 10 lb tins, 40%	lb	1.10 : 1.35	123-127 Deg. M. P.	lb	.06 1/2 : .06 1/2
			<b>NITRATE SODA, spot, See Sodium Nitrate</b>					
			Nitre Cake, bulk whs.	ton	4.50 : 5.50			
			500 lb bbis.	ton	12.00 : 14.00			

For Immediate Shipment —

PHENOL U. S. P.

CRUDE CRESYLIC ACID 97-99% STRAW COLOR

CRUDE CRESYLIC ACID 95% DARK

META PARA CRESOL

CRESOL U. S. P.

ORTHO CRESOL

REFINED CRESYLIC ACID No. 5

SPECIAL CRESOL FRACTIONS



The Barrett Company

40 Rector Street

New York City

## Chemicals

<b>PARAFFIN (Cont.)</b>			<b>PARIS GREEN (Cont.)</b>			<b>Pathetic Anhydride, 100 lb. bbl.</b>		
125-125 Deg. M. F. ....	.07%	.07%	Packages, 5 and 2 lb. ....	.23	.24	wh. ....	.18	.20
125-127 Deg. M. F. ....	.08	.08%	Packages, 1 lb., 1/2 lb., 1/4 lb. ....	.25	.26	<b>PILOCARPINE HYDROCHLORIDE, USP 25 ca.</b>		
125-140 Deg. M. F. ....	.08%	.09	Paris White, see whitening, French			lots, 1 ca. vials. ....	4.00	4.50
<b>Para-Aminocetanilid, 100 lb.</b>			Peppin, USP, 5 lb. bot. 12000. ....	2.25	2.50	Nitrate, 25 ca. ....	...	4.00
hops ....	1.00	1.05	1-5,000 bottles ....	4.00	4.25	Single, ca. ....	...	4.50
<b>Para-Aminophenol, 100 lb. bags. ....</b>	1.10	1.16	1-10,000 bottles ....	6.65	7.25	Alkaloid, 15 gr. vials. ....	...	.85
<b>Hydrochloride, 100 lb. bag. ....</b>	1.25	1.30	Peptone, powd., 5 lb. ....	1.70	1.80	<b>Fine Oil, stan. dist. bbls. ....</b>	gal	.66
<b>Para-Dichlorobenzenes, 150 lb. bbls.</b>			Perian Berries ....	.37	.50	Destructive dist. ....	lb.	.63
via ....	.17	.20	PETROLATUM, green 300 lb. bbls. ....	.02%	.03	Piperidine Hydrate, 1 lb. bot. ....	lb.	15.00
25-50 lb. bags ....	.18	.23	Light Amber, 300 lb. bbls. ....	...	.04%	Piperidine, 25 ca. ....	ton	1.10
<b>Paraldehyde, USP, 100 gal. drs. gal</b>	...	.43	Dark Amber, 300 lb. bbls. ....	.04%	.05	Pitch, Coal-Tar, whs. ....	ton	24.00
<b>Tech. ....</b>	...	.30	Cream White, USP 300 lb. bbls. ....	.07	.07%	Pitch, prime ....	bbl	6.00
<b>Para-Cymene, Refd., 110 gal. drs. gal</b>	2.25	2.50	Snow White, USP, 300 lb. bbls. ....	.13%	.14	Pisener Paris, tech 250 lb. bbls. bbl	...	3.30
<b>Para-formaldehyde, USP, 100 lb. ca. lb.</b>	.42%	.45	Lily White, USP, 300 lb. bbls. ....	.10	.10%	True Dental, 300 lb. bbls. ....	bbl	4.50
<b>Para-Nitrocetanilid, 300 lb.</b>			Phenol, see also acid carbolic			Platinum, metal soft 10 ca. lots. ....	ca	119.00
bbls. ....	.50	.55	Makers, 950 lb. drums, spot. ....	.23	.24	Podophyllin, 5 lb. bot. ....	lb.	4.50
<b>PARA-NITROANILINE, 300 lb. bbls.</b>			Small drums, 240-100 lb. ....	.24	.26	Second Hands ....	lb.	4.20
via. ton ....	.58	.60	Open market, drums ....	...	.24	<b>POTASH SALTS, rough</b>		
<b>Para-Nitrochlorobenzene, 1200 lb. drs.</b>			240 lb. drs. drs. via. ....	...	.25	Pot. Murate, basis, 90% bgn., ton	...	24.55
via. ....	.20	.23	Natural, 240 lb. drs. drs. via. ....	...	...	Pot. Sulfate, basis, 90% bgn., ton	...	45.85
<b>Para-Nitro-ortho-Toluidine, 300 lb.</b>			Phenolphthalein, USP, 100 lb. drs. ....	1.30	1.40	Pot. & Mag. Sulfate, basis 48%	...	26.85
bbls. ....	2.75	2.95	5 lb. cans, 100 lb. lots. ....	1.40	1.50	hgs. ....	...	17.50
<b>Para-Nitrophenol, 185 lb. bbls. ....</b>	.50	.55	<b>Phenyl-Alpha-Naphthylamine 100 lb.</b>			Mamre Salts, basis, 30% bulk. ton	...	11.00
<b>Para-Nitrodichloromethylaniline, 120 lb.</b>			hops ....	1.23	1.29	Mamre Salts, basis, 30% bulk. ton	...	7.75
bbls. ....	.93	.94	Phenylethylalcohol, 1 lb. bot. Dem. ....	8.00	10.00	Kainit, basis, 12.4% bulk. ton	...	...
<b>Para-Nitrobenzene, 350 lb. bbls. ....</b>	.35	.40	Imported ....	7.00	7.75	Bulk in bags, \$3.00 extra.		
<b>Para-oxo Benzaldehyde, 100 lb.</b>			Phenylethylmalonylurea, ca. phs. ....	...	5.50	Prices c.i.f. Atlantic & Gulf Ports.		
hops ....	...	1.70	Phenylhydrazine, ca. phs. ....	...	...	Moscow, 80 tons, 5%; 500 tons, 10%.		
<b>Para-Phenetidin, 500 lb. drs. ....</b>	1.55	1.90	Phosgene, 100 lb. cylinders ....	...	...	<b>POTASH, CAUSTIC, solid 88-92%</b>		
<b>Para-Phenylenediamine, 350 lb.</b>			Phosphate Acid, 10% Bulk whs. unit	.60	.85	700 lb. drs. whs. ....	.07%	.07%
bbls. ....	1.25	1.30	Phosphate Rock, f.o.b. mine	...	...	Imp., 88-92% 700 lb. drs. NY. ....	.07%	.07%
<b>Para-Toluene-Sulfonamide, 175 lb.</b>			Florida Pebble, 65% ....	2.40	2.50	USP, by alcohol 5 lb. cans. ....	.46	.48
bbls. ....	.40	.41	Florida Pebble, 70% ....	2.75	2.85	cans. ....	.30	.35
<b>Para-Toluene-Sulfonchloride, 410 lb.</b>			Florida Pebble, 75-74% ....	3.75	4.00	<b>POTASSIUM ACETATE, USP, 100 lb.</b>		
bbls. via. ....	.18	.30	Tennessee, 72% ....	...	5.50	hops ....	.20	.30
<b>Para-Toluidine, 350 lb. bbls. via. ....</b>	.65	.73	Phosphorus Oxycarbide, 175 lb. cyl. ....	.35	.40	Second Hands, hops ....	.26	.28
<b>PARIS GREEN</b>			Phosphorus, red 110 lb. ca. ....	.70	.75	Bicarbonate, crys. 320 lb. bbls. ....	.09	.10
Arsenic Bath, 500 lb. hops. ....	.19	.20	Yellow, 110 lb. ca., whs. ....	...	.32	Bichromate crys., 900 lb. cks. ....	.08%	.08%
Hops, 100 lb. ....	.21	.22	Imported, 112 lb. cases ....	...	.32	Powd., 900 lb. cks., whs. ....	.11	.13
Kite, 54, 32, 14 lb. ....	.23	.25	Phosphorus Trichloride, 175 lb. cyl. ....	...	.45	Bromate, 300 lb. bbls. ....	.16	.18
			via. ....	...	...	Import, 112 lb. bbls. ....	.18	.19



PRICE CURRENT SECTION

# Since 1836



ANDREW JACKSON

Eighty-nine years ago, when Andrew Jackson was President, this house was established. It means something very tangible to have been in business more than three quarters of a century; but what means more to us and our customers is that during that whole time, we have not only kept step with progress in the manufacture of collapsible tubes; but have initiated many of the improvements in this type of container.

**A. H. WIRZ, INC., CHESTER, PA.**  
*Collapsible Tubes-Metal Sprinkler Tops*  
 30 East 42<sup>nd</sup> Street New York City *ESTABLISHED 1836 INCORPORATED 1914* Jackson & Michigan Chicago

## Chemicals

## POTASSIUM (Cont.)

Bisulfate, C.P., 5 lb cans.... lb	...	.30
100 lb kegs..... lb	...	.22
Bromate, 100 lb cs..... lb	...	.80
BROMIDE, USP, cryst., 450 lb		
bbis..... lb	.48	.49
Granular, 800 lb bbis..... lb	.48	.49
Cases, 100 lb..... lb	...	.50
Imported, USP, 220 lb. cs lb	.89	.41
Shipment..... lb	...	.48 1/2
CARBONATE, 80-85% calc.		
800 lb cks..... lb	.05 1/2	.06
80-85%, hydrated, 800 lb		
cks..... lb	.05 1/2	.06
90-95% calc. casks..... lb	.06	.06 1/2
95-98% calc. casks..... lb	.06 1/2	.06 1/2
99% calc. casks..... lb	...	.07 1/2
USP, 100 lb kegs..... lb	.10 1/2	.11
99% C.P., casks..... lb	...	.13 1/2
Chlorate, crys., 112 lb bgs. c/l		
whs..... lb	.08 1/2	.09
Imp. 112 lb kegs, NY..... lb	.09	.09 1/2
Powd., 112 lb kegs, whs..... lb	.08 1/2	.09
Imp. kegs, NY..... lb	.08 1/2	.09
Gran. Imp. 112 lb kegs NY..... lb	.10 1/2	.11
Pyrotechnic, line powd. NY..... lb	...	.07
USP, fine crys. 110 lb kegs		
NY..... lb	.14	.15
Chloride, crys., bbis..... lb	.04 1/2	.04 1/2
Citrate, USP, 50 lb..... lb	...	.60
Cyanide, 110 lb cases..... lb	.58	.60
Glycerophosphate, 75% Soln. 25 lb		
tins..... lb	1.35	1.50
Oxalate Sulfonate, 5 lb cans		
10 lb..... lb	2.00	2.25
Hypophosphite, 10 lb cans..... lb	.80	.85
Iodide, USP, 100 lb cases..... lb	3.45	3.50
Lachophosphate, 4 oz. bot oz	...	.90
Metabisulfite, 800 lb bbis..... lb	.10	.11
Imp., 550 lb bbis..... lb	.09	.10

## POTASSIUM (Cont.)

Muriate, 80%, 200 lb bags, NY		
K <sub>2</sub> O unit..... lb	...	.63
Nitrate, see Saltpetre		
Oxalate, neutral 100 lb kegs..... lb	.16	.19
Perchlorate, 112 lb kg. Me-Apr. lb	.11	.12
PERMANGANATE, USP, crys. 500 lb		
& 100 lb drs., whs..... lb	.18	.16
Imp. 113 lb drs., whs..... lb	.14 1/2	.15
Prumate, red, 500 lb casks..... lb	.37	.37 1/2
Prumate, yellow, 500 lb casks..... lb	.18 1/2	.19
Sulfate, 25 lb cans..... lb	.60	.65
Sulfate, 200 lb bgs, NY K <sub>2</sub> O unit	...	.85
USP, VIII, 100 lb bgs..... lb	...	.18
Sulfocyanide, CP 25 lb jars..... lb	...	.59
Tartrate, neutral, 100 lb kegs..... lb	...	.51
Titanium Oxalate, 200 lb bbis..... lb	.35	.27
Pumice Stone, lump, 250 lb bbis..... lb	.04 1/2	.06
Lump, bags..... lb	.03 1/2	.05
Powdered, 350 lb bbis..... lb	.03 1/2	.03
Pyridine, 50 gal, drum..... gal	4.25	4.35
Quebracho Bark..... ton	...	120.00
QUEBRACHO, 35% liquid tins..... lb	.03	.03 1/2
450 lb bbis..... lb	.03 1/2	.04
35% bleaching, 450 lb bbis..... lb	.04 1/2	.05 1/2
Solid 65%, 100 lb bales..... lb	.04 1/2	.05
Clarified, bales..... lb	...	.05
Quercitron, 51°, 450 lb bbis..... lb	.06 1/2	.08
Solid, 100 lb boxes..... lb	.10 1/2	.13
Quercitron bark, rough..... ton	...	14.00
Ground..... ton	34.00	35.00
QUICKSILVER, see Mercury		
Quinidine Alk., 100 oz. tins..... oz	.70	.75
Sulfate, 100 oz. tins..... oz	...	.50
Quinotidine, see Chinotidine		
QUININE SULFATE, USP.		
American, 100 oz. tins..... oz	...	.50
1 oz. tins, 100 oz. lots..... oz	...	.87
Dutch 100 oz. tins..... oz	...	.50

## QUININE SULFATE, USP.

Java, 100 oz. tins..... oz	...	.50
Japanese, 100 oz. tins..... oz	...	.50
Acetate..... oz	...	.88
Arsenate..... oz	...	.88
Benzoate..... oz	...	.88
Bisulfate, USP..... oz	...	.45
Citrate..... oz	...	.62
Dihydride, USP..... oz	...	.66
Dihydromide..... oz	...	.66
Dicarbonate, 10 oz. tins..... oz	...	2.50
Ethyl Carbonate, 16 oz. tins..... oz	...	.91
Ferrocyanide..... oz	...	.88
Formate..... oz	...	.85
Glycerophosphate..... oz	...	.88
Iodide..... oz	...	.88
Hydrobromide, USP..... oz	...	.62
Hydrochloride, USP..... oz	...	.62
Hydrochlorosulfate..... oz	...	.66
Hydride & Urea, USP..... oz	...	.88
Hypophosphite..... oz	...	.88
Lactate..... oz	...	.78
Phenolsulfonate..... oz	...	.88
Phosphate..... oz	...	.74
Salicylate, USP..... oz	...	.63
Tannate, USP..... oz	...	.45
Tartrate..... oz	...	.88
Valerate..... oz	...	.89
Small Sizes: 1 oz vials or cans,		
50oz. lots, 5c on extra; 5oz. cans,		
50oz. lots 3c on extra; 25oz. cans,		
50oz. lots, 2c on extra; single 1oz.		
vials or cans, 5c extra. All minor		
quinine salts sold and quoted basis		
100oz lots in 100oz cans. Sulfate		
and bisulfate sold basis 100oz.		
lots in 100 oz cans. Smaller orders		
or containers extra as above		
schedule.		

# Selden Brand 99.99+% Pure PHTHALIC ANHYDRIDE

Highest quality obtainable.

Guaranteed uniform purity.

Long needle crystals.

Packed in paper lined, wooden barrels.

Prices on application.

## THE SELDEN COMPANY

Pittsburgh, Pa., U.S.A.

# Chemicals

<b>SALT, 250 lb bbls, wks.....</b> D .45 : .47	<b>SALTPETRE, Double Refined</b>	<b>SODA ASH (Cont.)</b>
See Lead, see lead oxide	Granular, 400-500 lb bbls	c/l wks, ..... 100 lb ... : 1.45
See Precipitate, see mercury	c/l wks ..... D ... : .06	Pmp. or spot, Basis 58% bags
Bennet, N.F., Sila. (1:25,000) D	<b>SALTPETRE, Light</b>	c/l wks ..... 100 lb ... : 1.50
Resorcinol, see resorcinol	Low c/l wks, bbls..... D ... : .06%	<b>SODA CAUSTIC, 76% solid</b>
Resorcinol, tech., 100 lb bags... D	Large Crystals, 350-400 lb bbls.,	1-4 drums deliv'd NY... 100 lb ... : 3.91
USP, 25 lb cans ..... D	c/l wks ..... D ... : .07%	5 & Up drums deliv'd NY... 100 lb ... : 3.78
Rochelle Salt, USP, 225 lb bbls... D	Small Crystals, 350-400 lb bbls.,	Ground & Flake, 76%
Imp. USP, 300 lb bbls..... D	c/l wks ..... D ... : .07	1-4 drums, deliv'd NY... 100 lb ... : 4.31
Rawwater, triple 1/2 gal. dems gal	Powdered, bbls. c/l wks... D ... : .07%	5 & Up drs deliv'd NY... 100 lb ... : 4.18
Residue, (Sold in 600 lb bbls, gross for net.)	Imported, 500 lb bbls. NY... D	1-4 bbls deliv'd... 100 lb ... : 4.58
B ..... 280 lb ... : 7.90	Santonin, USP, 1 lb bot..... D	5 & Up bbls deliv'd... 100 lb ... : 4.41
D ..... 280 lb ... : 8.15	Powd. 1 lb bot..... D	Contract, Basis 76% c/l wks
E ..... 280 lb ... : 8.40	Saponin, or Quillaja, 5 lb tins... D	100 lb ... : 3.10
F ..... 280 lb ... : 9.40	Salt White, 500 lb bags D	Pmp. and spot, Basis 76%
G ..... 280 lb ... : 9.40	Schaeffer's Salt, 250 lb bbls.wks D	c/l wks ..... 100 lb ... : 3.20
H ..... 280 lb ... : 9.40	Serapianine, see hyoscyne	Contract 76% low grade c/l
I ..... 280 lb ... : 9.40	Sellita Mixture, 225 lb bbls..... D	wks, flat ..... 100 lb ... : 3.02
K ..... 280 lb ... : 10.05	<b>SILICA</b>	Ground & Flake, 76% pmp. and
M ..... 280 lb ... : 10.75	Crude, bulk, mides ..... ton	spot, wks, c/l drs... 100 lb ... : 3.68
N ..... 280 lb ... : 11.50	Refined, floated, bags ..... ton	Contract 76% drums c/l wks
WG ..... 280 lb ... : 12.75	Air floated, bags ..... ton	flat ..... 100 lb ... : 3.50
WW ..... 280 lb ... : 14.25	Extra, floated, bags ..... ton	USP, stick, 10 lb cans..... D
(Sold in 600 lb bbls., gross for net,	Colloidal, 16 oz bot..... oz	Pure, stick, by alcohol..... D
net. (Based on a unit of 380 lb.)	SILVER, metal, American ..... oz	Soda Sal, see Sodium Carbonate
Acid Oil first run, 500 gal bbls... D	Silver Iodide, 16 oz bot..... oz	Sodium Metal, 12 1/2 lb bricks... D
Second run, bbls ..... D	Nitrate, 16 oz, bot..... oz	<b>SODIUM ACETATE, crys. 450 lb bbls</b>
Acetic Acid, 100 lb cans, 25 lb D	Proteinates, 16 oz bot..... oz	wks ..... D
Acetic Acid, 100 lb cans, 25 lb D	Soap, Castile 40 lb tins D	aluminate, 500 lb bbls, wks... D
Acetic Acid, 100 lb cans, 25 lb D	Powd. USP, 250 lb bbls... D	Aluminum Sulfate, see alum. soda
Acetic Acid, 100 lb cans, 25 lb D	Green, USP, 150 lb bags... D	Arsenite, 4 lb mat. wks. drums.gal
Acetic Acid, 100 lb cans, 25 lb D	Suspensions, see Table, crude	Drums, 3 lb material, wks... gal
Acetic Acid, 100 lb cans, 25 lb D	<b>SODA ASH, 55% light</b>	Benzoate, USP, 100 lb bbls... D
Acetic Acid, 100 lb cans, 25 lb D	1-4 bags, deliv'd NY... 100 lb ... : 2.10	Romale ..... D
Acetic Acid, 100 lb cans, 25 lb D	5 & Up bags deliv'd NY... 100 lb ... : 2.04	Bicarbonate, 400 lb bbls, NY... 100 lb ... : 2.35
Acetic Acid, 100 lb cans, 25 lb D	1-4 bbls, deliv'd NY... 100 lb ... : 2.44	Bbls c/l wks ..... 100 lb ... : 2.25
Acetic Acid, 100 lb cans, 25 lb D	5 & Up bbls deliv'd NY... 100 lb ... : 2.29	112 lb bags, wks ..... D
Acetic Acid, 100 lb cans, 25 lb D	Contract, Basis 58% bags	112 lb bags, NY ..... 100 lb ... : 3.41
Acetic Acid, 100 lb cans, 25 lb D	wks ..... 100 lb ... : 1.38	Nichromate, 500 lb cans wks... D
Acetic Acid, 100 lb cans, 25 lb D	Pmp. and spot, Basis 58% bags	Cash, c/l NY ..... D
Acetic Acid, 100 lb cans, 25 lb D	c/l wks ..... 100 lb ... : 1.43	Cash, NY ..... D
Acetic Acid, 100 lb cans, 25 lb D	Contract, Basis 58% dense bags	Bisulfite, dry powder, 500 lb
Acetic Acid, 100 lb cans, 25 lb D		bbls. wks ..... D



*The Measure of Ability is Service and Quality*

**Soda Ash**  
**Caustic Soda • Textile Soda**  
**Bicarbonate of Soda**  
**Modified Soda • Special Alkali**



*Manufactured and Sold Direct to Consumer by*  
**DIAMOND ALKALI COMPANY**  
**PITTSBURGH, PA.**





**S**OLVAY means more than just the name of a superior product—it is the mark of a complete organization for the production, marketing and development of Alkali in Industry.

Solvay 58% Soda Ash  
 Dense—Light  
 Solvay Fluf (Extra Light Soda Ash)  
 Solvay 76% Caustic Soda  
 Solid—Flake—Ground  
 Solvay Super Alkali  
 Solvay Snowflake Crystals  
 (Trademark Registered)  
 Solvay Laundry Soda  
 Solvay Cleansing Soda  
 Solvay Tanners Alkali  
 Solvay Tanners Soda  
 Solvay Liquid Caustic Soda  
 Solvay Calcium Chloride 73%—75%



## The Solvay Process Company

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*Sales Department, Wing & Evans, Inc., 40 Rector St., New York*

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## Chemicals

## SODIUM—(Continued)

SODIUM, USP, 450 lb. bbls..	.48	.49
Caen, 50 lb.....	.48	.49
Imp. USP, 220 lb. cases.....	.44	.45
Bromate, 100 lb. ca.....	1.15	
Cacodylate, USP, 25 lb.....		
5 lb. bot.....	6.00	6.25
Carbonate Sal Soda 350 lb. bbls.		
1c/1 NY.....	1.80	1.85
Works c/1.....	1.10	1.30
Monohydrate, 400 lb. bbl.		
1c/1 NY.....	2.40	
Pure photographic 100 lb.		
leg.....	.06	.08
Chlorate, 112 lb. kegs, wia.....	.06%	.06%
Imported, 112 lb. kegs.....	.06%	.06%
Chloride, tech.....	13.00	13.00
C. F., 300 lb. bbls.....	.05	.06
Chromate 800 lb. bbl.....		.08
Citrate, USP, IX, 50 lb. kegs..		.50
USP, VIII, 50 lb. kegs.....		.52
Cyanide 90-98% 100 lb. cases		
wia.....	.22	
Ton lots, wia.....	.21	
73-76% 100 lb. cases, wia.....	.19%	
125-128% 200 lb. ca.....	.20	.20%
120 125% 200 lb. ca.....	.17	.18
118-120% 200 lb. ca.....	.16	.17
Fluoride, 300 lb. bbls, wia.....	.09	.09%
Imp. 350 lb. bbls.....	.09	.09%
Glycerophosphate USP, 25 lb.		
case.....	1.40	1.55
Powder, 25 lb. tins.....	1.45	1.60
Solution, USP, 25 lb. tins..	1.05	1.20
Hydride, see Soda Caustic		
Hypochlorite Soln, 100 lb. clys..		.05
14% soln, 50 lb. clys.....		.04
Hydrogenite, 200 lb. bbls.f.o.h.wia.	.22	.24
For Stripping, 50 lb. cases..	.30	.35
Hypophosphite, USP, 25 lb. cases		
.....	.70	.75

## SODIUM—(Continued)

HYPOSULFITE, tech. pos. crys.		
375 lb. bbls, wia.....	2.65	3.05
Bbls, c/1 wia.....	2.50	
100 lb. kegs, wia.....	2.75	3.30
Imp.....	2.25	
Regular crys., bbls. wia.....	2.40	2.65
Bbls, c/1 wia.....	2.40	2.50
Kegs, wia.....	3.00	3.10
Imp.....	2.75	
Iodide, USP, 25 lb. jars.....	4.25	4.30
Metanilate, 150 lb. bbls.....	.70	.75
Naphthionate, 300 lb. bbls.....	.57	.60
Nitrate crude, 95% 200 lb. kegs		
c/1 NY.....	2.55%	
June shipment NY.....	2.52%	
Double Refined 400 lb. bbls		
gran. c/1 wia.....	.04%	
Powdered, bbls. c/1 wia.....	.05%	
Nitrite, 500 lb. bbls, spot makers		.09
Imp. 650 lb. cases.....	.09	.09%
Ortho-Chloro-Toluene Sulfonate.		
175 lb. bbls, wia.....	.25	.27
Oxalate, neutral, 100 lb. kegs..	.20	.23
Perborate, 275 lb. bbls.....	.21	.22
Imp. 225 lb. dra.....	.21	.22
Peroxide, 200 lb. cases.....	.22	.24
Phosphate, di-sodium, tech. 550 lb.		
Bbls.....	3.40	3.75
USP, gran, 275 lb. bbls.....	.07	.07%
Imp. gran.....	.05%	.06
USP, Crystal, 275 lb. bbls..	.07%	.08
Monosodium, 100 lb. kegs.....	.30	.31
Tri-sodium, tech., c/1 bbls..	.03%	.04%
Pieramate, 100 lb. kegs.....		.60
Para-Toluene Sulfonate 175 lb.		
bbls.....	.08	.09
PRUSSIAN, yellow, 350 lb. bbls.		
wia.....	.10%	.10%
Imp. 50 lb. cks.....	.10%	.10%
Pyrophosphate, 100 lb. kegs..	.24	.26
Salicylate, 100 lb. kegs.....		.40
Second Hands, USP, kegs..	.37	.40

## SODIUM—(Continued)

Silicate, 40° turbid, tanks		
wia.....	100 lb.....	.75
55 gal. drums, wia.....	100 lb.....	.85
40° clear, tanks, wia.....	100 lb.....	1.10
55 gal. dra, wia.....	100 lb.....	1.20
42° turbid, tks, wia.....	100 lb.....	.80
55 gal. dra, wia.....	100 lb.....	.90
42° clear, tanks, wia.....	100 lb.....	1.25
55 gal. dra, wia.....	100 lb.....	1.35
Silicofluoride, 450 lb. bbls. NY.		.64%
Stannate, 100 lb. drums.....		.59
Sulfate, see Glauber's Salt		
Sulfate, Anhydrous, 550 lb. bbls.		
c/1 wia.....		.03%
Imp. 250 lb. bbls.....		.02%
Sulfide, 66% solid, 650 lb. dra.		
1c/1 wia.....		.04%
Dra. c/1 wia.....		.04
Imp. 700 lb. dra. NY.....		
60% broken, 650 lb. dra. wia.		.04%
Dra. c/1 wia.....		.04%
30% crys. 440 lb. bbls, wia..		.03%
Imp. 400 lb. bbls. wia.....		.03%
Sulfite, crys. 400 lb. bbls.....		.03%
Anhydrous, 400 lb. bbls.....		.09%
Sulfocarbonate, USP, 100 lb. kegs		.32
Sulfocyanide, 400 lb. bbls.....		.42%
Tungstate, crys. 100 lb. kegs..		.70
SOLVENT NAPHTHA, 110 gal.		
dra. wia.....		.30
8,000 gal. tank car, wia. gal		.35
Spartan Sulfate, USP, 250x. bulk, oz		.50
Single oz. vial.....		.07
Spirits Turpentine, bbls.....	1.02	1.05
Stn. dist.....	.92	.95
Spruce, 25% liquid tanks, wia..		.01
Powd. 50% 100 lb. bags, wia..		.02
Starch, rice, 140 lb. bags.....		.09

Formic Acid  
Oxalic Acid  
Tartaric Acid



Chemische Fabrik  
Dr. Hugo Stoltzenberg  
Hamburg 28, Germany

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## Chemicals

STARCH, powd 140 lb bgs./1.100 lb	4.17	4.27
Bags, 1c/1	4.27	4.37
Pearl, 140 lb bgs c/1	4.07	4.07
Bags, 1c/1	4.17	4.27
Potato domestic, 200 lb bags c/1 lb	.03%	.04
Imported, bag duty paid.. lb	.06%	.06%
Wheat, dom. .... lb	.06%	.07
Imp. .... lb	.07%	.07%
Sol. Potato .... lb	.07	.07%
Steamed Bone Meal, 3 & 50 Baiton	27.00	27.30
ARSENIOUS Bromide, USP, 50 lb		
bags .... lb	.51	.52
Cart 600 lb bbls. wks. .... lb	...	.07
100 lb bags, wks. .... lb	...	.08
Iodide, USP, 25 lb jars. .... lb	...	4.00
Nitrate, 600 lb bbls., wks. .... lb	.08%	.09
Imp., bbls., NY. .... lb	.07%	.08
Sulphate, USP, 160 lb bags. .... lb	.70	.80
STYCHNINE Alkaloid USP. crys.		
100 oz. tins .... oz	...	.71
Japanese, cans .... oz	...	.75
Alk. powd. USP .... oz	...	.81
Ascorbic acid .... oz	...	.65
Glycerophosphate, USP .... oz	...	.65
Hydrobromide .... oz	...	.65
Hydrochloride .... oz	...	.65
Hydrophosphite .... oz	...	.75
Nitrate, USP .... oz	...	.65
Phosphate .... oz	...	.65
Sulfate, USP, crys. powd. .... oz	...	.50
Saccharate .... oz	...	1.25
Stychnine preparations packed same		
1000s lots in 1000s tins. Small sizes;		
1/4 oz vials, 50c extra; 1/2 oz vials, 15c		
extra; single ounce vials, 1c extra. Lots		
of 25 can. 5c higher than above		
schedule. Lots of less than 25 can.		
10c higher per can.		
Bear Coloring (See Carameil)		
Bear Milk, USP, 200 lb bbls. .... lb	.20	.21
Second Hands, USP, bbls. .... lb	.18%	.19
Trional, see Sulfonethymethane		
Sulfonethymethane, USP, 10 bbs. lb	3.85	4.05
Sulfonmethane, USP, 10 lb bbs lb	2.85	2.85

SULFUR		
Crude, f.o.b. mines ..... ton	14.00	18.00
Brimstone, 250 lb bags, c/1 100 lb	1.75	1.95
Less c/1 bags NY. .... ton	1.85	2.10
Roll, 500 lb bbls. c/1 NY. 100 lb	...	2.15
Less c/1 bags NY. .... ton	2.20	2.45
Flour, Heavy, 290 lb bbls, 100 lb	2.50	3.05
Light, 100%, 280 lb bbls, 100 lb	2.60	3.15
Rubbermakers 100%, 240 lb	...	...
bbls., NY. .... ton	2.50	3.15
Commercial, 99%, 150 lb bgs.	...	...
NY. .... ton	1.35	1.65
For Dusting, 99%, 100 lb	...	...
bgs., NY. .... ton	1.95	2.30
Flowers, 100%, 240 lb bbls.	...	...
NY. .... ton	3.25	3.90
Precipitated, 125 lb bbls. NY. lb	.15	.17
Lac, 125 lb bbls. NY. .... lb	...	.10
Sulfur Chloride, red, 700 lb drs.	...	...
wks. .... lb	.05%	.06
150 lb clys., wks. .... lb	...	.07
Yellow, 700 lb drs. wks. .... lb	.04%	.05
150 lb clys., wks. .... lb	...	.06
Sulfur Dioxide, 100 lb cyl. .... lb	.08	.08%
Iodide, USP, VIII, 5 lb bot. .... lb	...	4.55
Sulfuric Ether, see Ether		
Sulfuryl Chloride, 600 lb drs. .... lb	.65	.70
Gumac, liquid, 450 lb bbls. .... lb	.46	.08
Stainless, 600 lb bbls. .... lb	.10%	.11%
Gumac, Sicily, 100 lb bags. .... ton	120.00	155.00
Virginia, 150 lb bags. .... ton	55.00	60.00
Destructive, distilled, bbls. .... gal	.68	.70
TALC, Italian 220 lb bags NY. .... ton	40.00	50.00
Refined, white, bags. .... ton	50.00	55.00
French, 220 lb bgs., NY. .... ton	30.00	35.00
Refined, white, bag. .... ton	38.00	45.00
Dom., crude, 100 lb bags NY. .... ton	12.00	15.00
Refined, 100 lb bags NY. .... ton	18.00	18.00
Panake, ground, NY. .... unit	3.40	4.10
High grade f.o.b. Chicago. .... unit	3.00	3.25
So. Am. c.l.f. .... unit	3.80	4.10
Tapioca Flour, high grade bags. .... lb	.05%	.06
Medium grade, bags. .... lb	.04%	.05%
Low grade, bags. .... lb	.03	.03%
High grade .... ton	32.00	40.00

Tar, Coal Gas, Tins wks. .... gal	.08	.08
Coke Oven, Tins, wks. .... gal	.07	.08
Water Gas, Tins, wks. .... gal	.08	.08
Tar, kiln-burnt .... bbl	...	14.00
Retort .... bbl	...	14.00
Tartar Emetic, tech. 700 lb bbls. .... lb	.37	.38
USP, 300 lb bbls. .... lb	.31	.34
Terpin Hydrate, USP, 100 lb bags. .... lb	.45	.47
Terpineol, CP, 1000 lb drums. .... lb	.38	.40
Cans, 50 lb .... lb	.42	.45
Imported, cans 25 lb. .... lb	.43	.46
Terpinyl Acetate, 25 lb cans. .... lb	1.65	1.85
Terra Alba, No. 1, 300 lb bbls. 100 lb	1.85	1.90
No. 2, bbls. .... 100 lb	1.25	1.35
Tetralene, 50 gal drs. wks. .... gal	...	1.45
Theobromine Alk., 5 lb cans. .... lb	3.60	3.75
Sod. Salicylate, 1 lb bot. .... lb	...	2.92
Thiocarbamid, 170 lb bbls. .... lb	.34	.36
Rhymol, USP, 25 lb tins .... lb	3.85	4.00
TIN, metal Straits NY. .... lb	...	.55%
Iodine, 5 lb boxes .... lb	7.25	7.50
American Standard, NY 100 lb	...	55.40
99% American, NY. .... 100 lb	...	54.50
Bichloride, 50% soda 100 lb	...	...
bbls., wks. .... lb	...	.15%
Crystals, 500 lb bbls., wks. .... lb	...	.38%
100 lb kegs, wks. .... lb	...	.39
Oxide, 300 lb bbls., wks. .... lb	...	.57
100 lb kegs, wks. .... lb	...	.59
Tetrachloride, 100 lb drs., wks. .... lb	...	.31%
Titanium Oxide, bbls., wks. .... lb	.13	.14
Toldine, 350 lb bbls. .... lb	.90	.94
Sulfate, 350 lb bbls. .... lb	.90	.95
Toluene, 3000 gal tank cars wks gal	...	.26
110 gal drs wks .... gal	...	.37
Toluidine, Mixed, 900 lb drs., wks. .... lb	.31	.32
Ioners, para red. .... lb	.90	1.00
Toluidine .... lb	1.80	1.90
Triacetin, 50 gal drs. wks. .... lb	...	.37%
Tribromophenol, 100 lb cans. .... lb	...	1.00
Trional, see Sulfonethymethane		
Triphenylguanidine .... lb	.69	.73
Triphenyl Phosphate, 450 lb bbls. .... lb	...	.58

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## Chemicals

Tripoli, 500 lb bbls.....	100 lb	2.50	3.00
Yungsten, NY.....	Wg. unit	11.25	11.50
Furby Red Oil, bbls single.....	D	.11	.12
double.....	D	.16	.18
Turpentine, see Spirits Turpentine			
Wood, see Wood Turpentine			
Ultramarine Blue.....	D	.15	.25
UREA, pure, 112 lb cases.....	D	18	20
Valonia Cups, 30-31% tan.....	ton	37.00	38.00
Beard, 42% tan, bgs.....	ton	55.00	56.00
Mixture, 36% tan.....	ton	43.00	46.00
VANILLIN, USP, 500 cu cans.....	cs		.49 1/4
Cans, 80 cu.....	cs		.50
Cans, 16 cu.....	cs		.61
Second Hands.....	cs	.47	.50
Venetian Red.....	D		.08
Vergilite, see Copper Subacetate			
Vermilion, Amer. 100 lb bgs.....	D	.35	.40
English, bgs.....	D	1.40	1.45
Veratrine Sulfate, 1 cu vial.....	cs		1.85
Hydrochloride, 1 cu vial.....	cs		1.85
Veronal, see Acid Diethylbarbituric			
Vulcone, 250 lb bbls, wks.....	D		.84
Wattle Bark, bgs.....	ton	44.00	47.00
WHITE LEAD, see lead, white			
White Precipitate, see mercury			
Whiting, 300 lb bgs, c/l wks 100 lb.....			.90
Olders, bgs, NY.....	100 lb	1.00	1.15
French, bgs, NY.....	ton		18.00
English, bgs, NY.....	ton	21.00	23.00
Pale White.....	100 lb	1.80	1.90
Witch Hazel Extract, 50 gal. bbls gal.....		1.05	1.10
Wood Turpentine, std. dist. bbls gal.....		.87 1/2	.90
WYLENE, 30° dist. range, nitration			
110 gal, drs NY.....	gal		.55
30° dist. range, 8000 gal. tanks.....			
wks.....	gal		.40
110 gal, drs wks.....	gal		.45
10° dist. range, drums, wks.....	gal		.40
Tanks, wks.....	gal		.35
Commercial, 110 gal drs, wks gal.....			.31
Tanks, wks.....	gal		.34
Xylidine, crude.....	D		.87
Refined.....	D		.42

YARA YARA, 1 lb time.....	D	1.65	1.80
Yohimbine Hydrochloride, 1 cu vial.....	cs	3.10	4.00
Zincate.....	cs		8.00
100 lb bbls.....	D		.35
ZINC METAL, high grade, slabs			
c/l NY.....	100 lb		7.75
Common Slabs, c/NY.....	100 lb	7.40	7.45
Mossy, 25 lb bbs. NY.....	D		.14
Ammonium Chloride, powd., 400 lb.....	D		.07 1/2
Carb. tech., bbls, NY.....	D		.10
USP, 100 lb bgs.....	D		.20
Chloride, fused, 600 lb drs. wks.....	D		.07 1/2
Ura. c/l wks.....	D		.06
Granulated, 500 lb bbls wks.....	D		.08
Imported, dr., NY.....	D		.08
Solution, 50%, tanks wks 100 lb.....	D		3.00
USP, 25 lb jars.....	D	.27	.29
Cyanide, 100 lb drs.....	D		.41
Dust, 100 lb time, wks.....	D		.10 1/2
500 lb bbls bgs c/l wks.....	D		.09 1/2
500 lb bbls, bgs, 10 lb wks.....	D		.10 1/2
Iodide, 5 lb bbs.....	D	5.25	
Nitrate, 25 lb jars.....	D		.45
Oxide, Amer. 300 lb bbls wks.....	D	.08 1/2	.08 1/2
Oxide, Amer. 300 lb bbls, wks.....	D		.08 1/2
French, 300 lb bbls wks.....	D	.10 1/2	.13 1/2
Bbl c/l wks.....	D	.09 1/2	.11 1/2
Bags, c/l wks.....	D	.09 1/2	.10 1/2
USP 100 lb bbls, c/l.....	D		.30
Ton lots, wks.....	D		.19 1/2
Imported, white seal, bbls.....	D		.12
Green seal, bbls.....	D		.10
TRY 100 lb bbs.....	D	.18 1/2	.18
Stearate, USP, 50 lb bbls.....	D	.20	.21
Resins.....	D	.17 1/2	.18
Sulfate, 400 lb bbls, wks.....	D	.08 1/2	.08 1/2
Bbls, c/l wks.....	D		.03
USP, 100 lb bgs.....	D	.08	.09
Sulfocarbamate, 100 lb bgs.....	D	.30	.33
wks.....	D	1.25	1.75
Zirconium, oxide, pure.....	D	.45	.50
Semi-ref'd, bgs.....	D	.08	.10
Natural, bgs.....	D	.08 1/2	.08

## Oils &amp; Fats

Castor, No. 1, 400 lb bbls.....	D	.17	.17 1/2
80 lb cases.....	D		.18
No. 2, bbls.....	D	.16 1/2	.17
Blown, 400 lb bbls.....	D		.18 1/2
China Wood, spot, NY.....	D	.13 1/2	.13 1/2
Tanks, Spot, NY.....	D		.13 1/2
Comest, tanks.....	D	.12	.12 1/2
Coconut, Ceylon, 375 bbls., NY.....	D		
8000 gal. tanks, NY.....	D		.09 1/2
Cochin, 375 lb bbls, NY.....	D	.11 1/2	.11 1/2
Tanks, NY.....	D		.10
Manila, bbls, NY.....	D	.10 1/2	.10 1/2
Tanks, Pacific Coast.....	D		.09 1/2
Edible, bbls, NY.....	D	.12 1/2	.13
Cod Newfoundland, 50 gal bbls gal.....	gal	.62	.65
Tanks, NY.....	gal	.55	.57
Cod Liver, see Cod Liver Oil under Chemicals			
Copra, bgs.....	D	.05 1/2	.06
Corn, ref., 325 lb bbls, NY.....	D		.13
Crude, tanks mills.....	D	.09 1/2	.10
Bbls, NY.....	D	.11	.12
Cottonseed, crude, 100 lb.....	D		.09 1/2
P S Y, 100 bbls, NY.....	D	.10 1/2	.11 1/2
White, 100 bbls, lots, NY.....	D		
Winter yellow, 100 bbls, NY.....	D	.13 1/2	.14
Degras, Amer. 50 gal. bbls, NY.....	D	.04 1/2	.04 1/2
English, light, bbls, NY.....	D	.05 1/2	.05 1/2
Brown, bbls, NY.....	D	.04 1/2	.04 1/2
Light brown, bbls, NY.....	D	.04 1/2	.04 1/2
Dark, bbls, NY.....	D	.03 1/2	.04
Neutral, bbls, NY.....	D	.07 1/2	.12
Moellon, bbls, NY.....	gal		.50
Reases, choice white, bbls, NY.....	D		.12
Yellow.....	D		.04 1/2
Brown.....	D		.04 1/2
Home.....	D		.04 1/2
Bone naphtha.....	D		.07

Hexamethylenamine, U. S. P.  
Benzoate of Soda

Formaldehyde, U. S. P.  
Benzaldehyde

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## Oils - Fats

Herring, Tanks, Coast.....gal	.40	nom.
Worm, 375 lb. bbls., NY.....lb	.10	nom.
Lard, prime steam, bbls.....lb	.17 1/2	
Cosmochem, bbls.....lb	.13 1/2	
JARD OIL, Edible, prime.....lb	.19 1/2	
Off prime, bbls.....lb	.14 1/2	
Extra, No. 1 bbls.....lb	.12 1/2	
No. 2 bbls.....lb	.12 1/2	
JINSEED, raw c/1 bbls, spot.....gal	1.08	
Five bbls, raw.....gal	1.11	
Tank, raw.....gal	1.02	
Bolled, 5 bbl. lots.....gal	1.14	
Double Bolled, 5 bbl.....gal	1.15	
June-Aug. c/1 wks.....gal	1.08	
Imported, bbls, NY.....gal	1.04	
Tanks, NY.....gal	1.04	
Menhaden, crude, bbls, wks.....gal	nom.	
Crude, tanks, Balt.....gal	nom.	
Light pressed, bbls, NY.....gal	.78	.81
Yellow, bleached, bbls, NY.....gal	.81	.82
Extra bleached, bbls, NY.....gal	.83	.84
Blown, bbls, NY.....gal	.83	.84
Neufort, 20° c.t. bbls., NY.....lb	.17 1/2	
Pure, bbls, NY.....lb	.14 1/2	
Extra, bbls, NY.....lb	.12 1/2	
No. 1 bbls, NY.....lb	.12 1/2	
No. 2, bbls, NY.....lb	.12 1/2	
No. 3, bbls, NY.....lb	.11	.11 1/2
OLIVE, denatured, bbls, NY.....gal	1.15	1.20
Edible, bbls, NY.....gal	2.00	2.10
Pods, bbls, NY.....lb	.08 1/2	.08 1/2
Shipments.....lb	.08 1/2	.08 1/2
1/2m Lugs, 1500 lb casks.....lb	.09 1/2	.09 1/2
Niger, casks.....lb	.08 1/2	.09
Some old Calabar, casks.....lb	nom.	
Palm Kernel, bbl NY.....lb	.10 1/2	

Peanut, refined, bbls., NY.....lb	.15	.16
Crude, bbls, NY.....lb	.10 1/2	.10 1/2
Perilla, bbls, NY.....lb	.14 1/2	.15
Popposeed, bbls., NY.....gal	2.25	2.50
Raneseed, refined, bbls, NY.....gal	.09	1.00
Blown, bbls NY.....gal	1.15	
Red Oil, distilled, bbls.....lb	.11 1/2	.12 1/2
Saponified, bbls.....lb	.11 1/2	.12 1/2
Tanks.....lb	.10 1/2	
Salmon, 8000 gal. tks. Coast.....gal	.50	nom.
Sesame, edible, yellow, bbls.....lb	.13	.13 1/2
White.....lb	.14 1/2	.15
Sed Oil, bbls, NY.....gal	.40	
SOYA BEAN, crude, tks., Coast.....lb	.10 1/2	.10 1/2
Crude, tks., NY.....lb	.11 1/2	.11 1/2
Crude, bbls, NY.....lb	.12 1/2	.13
Refined, bbls, NY.....lb	.14 1/2	.15
Sperm, 38° c.t. bichd. bbls. NY.....gal	.89	.91
45° cold test, bichd. bbls. NY.....gal	.87	.89
STEARIC ACID, s.p. 200 lb bags.....lb	.14 1/2	.15 1/2
Double pressed, bags.....lb	.14 1/2	.15 1/2
Triple pressed, bags, distilled.....lb	.16 1/2	.17 1/2
Triple pressed, bags, saponified.....lb	.16 1/2	.17 1/2
Stearine, oleo bbls.....lb	.12	.12
Tallow, edible tierces.....lb	.09 1/2	.10
City, extra loose.....lb	.08 1/2	.09
Tallow Oil, acidless tks., NY.....lb	.11	.11
Bbls. c/1 NY.....lb	.12 1/2	.12 1/2
Crude, bbls NY.....lb	—	—
Whale, net winter bbls., NY.....gal	.70	.71
Blehd. winter bbls., NY.....gal	.81	.81
Extra Bleh, bbls., NY.....gal	.93	.93
Crude, No. 1, tanks Coast.....gal		
Crude, No. 2, tanks Coast.....gal		
Crude, No. 3, tanks Coast.....gal		

## Crude Drugs

Accorides Gum, red, see Yacca.....lb	10	11
AGARIC LEAVES, bales.....lb	33	33
Root, USP, bags.....lb	1.40	1.50
Agar Agar, 1, 200 lb bales.....lb	1.40	1.40
No. 2, bales.....lb	1.20	1.25
Agaric, white, cases.....lb	2.75	3.00
Granulated, boxes.....lb	3.25	3.40
Almonds, bitter, boxes.....lb	.60	.65
Sweet, boxes.....lb	.57	.60
Meal, barrels, boxes.....lb	.34	.35
Alstria Root, bags.....lb	.40	.41
Althaea Root, bags.....lb	.08 1/2	.10
Alon, Barbados, 120 lb bbls.....lb	.70	.75
Cape, 400 lb cases.....lb	.08 1/2	.09
Curacao, 100 lb cases.....lb	.10	.11
Socotrina, whole, 300 lb cs.....lb	.35	.35
Select, cakes, lb.....lb	.38	.38
Althaea Root, Cuts, cs.....lb	.55	.65
Whole.....lb	.25	.30
Ambergris, black boxes.....cs	8.00	10.00
Grey, boxes.....cs	38.00	38.00
Ammoniac, tears, bags.....lb	.80	.85
Angelica Root, Rom. bags.....lb	.13	.14
Angelica Bark, bags.....lb	.16	.20
Anise, Levant, bags.....lb	.14 1/2	.15
Russian bags.....lb	.13	.14
Star cases.....lb	.12 1/2	.13
Spanish, bags.....lb	.15	.15 1/2
Annatto Seed, 200 lb bags.....lb	.15	.18
ARABIC GUM.....lb		
White, No. 1, 200 lb bags.....lb	.24	.25
Second, 250 lb bags.....lb	.22	.23
Scots, amber, 200 lbs. bbls.....lb	.13 1/2	.14
Powd., USP, 500 lb bbls.....lb	.21	.22
Arca Nuts 150 lb bags.....lb	.15	.19
Powd., 200 lb bbls.....lb	.20	.21
Argois, Red, grd. see Chemicals.....lb		
Arnica Flowers, bales.....lb	.11	.14
Root, bags.....lb	.28	.30

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## INTERNATIONAL PRODUCTS CORPORATION

Trenton New Jersey

## Crude Drugs

Arrowroot, Amer. Powd, bbls.....	10	10%	Candia Batavia, No. 8 bales.....	10	10%	Elecampane Root, bags.....	09	10
Bermuda, bbls.....	10	10%	China select, rolls, cases....	06%	06%	Elder Flowers, bags.....	10	13
St. Vincent, powd bbls.....	18	14	Broken, bales.....	06%	06%	Ziend Gum, 80 lb cases.....	12%	13%
Asafetida, USP, 250 lb cases....	26	27	Buds, cases.....	20	21	Elm Bark, select 5 lb bundles cases	26	27
Powd., 50 lb bxs.....	40	43	Candia Fistula, baskets.....	09	11	Grinding, bags.....	18	17
BALM GILEAD BUDS, bags.....	40	43	Castile Soap, USP, powd., 200 lb	30	32	Powdered, bbls.....	23	25
Balmory Herbs, bales.....	14	14	bbls.....	30	32	ERGOT, 150 200 lb bags.....	50	51
BALSAMS								
Copaiba, Para, 80 lb cs.....	54	55	Castor Beans, bags.....	05	05%	Eucalyptus Leaves, bales.....	05%	06
South American, 80 lb cs.....	58	60	Castoreum, 1 lb bot.....	4	4.00	Euphorbia Pilulifera Herb, bags	09	09%
Fir Canada, cases.....	11.00	12.00	Catechu Gum, bags.....	11	12	Zophoribium Gum, cases.....	27	nom
Oregon, bbls, cases.....	1.00	1.20	Catnip Herb, bales.....	23	28	Powdered boxes.....	28	30
Peru, 120 lb cases.....	1.85	1.90	Celery Seed, bales.....	26%	27%	Fennel Seed, French, bags.....	09	10
Tolu, 120 lb cases.....	1.45	1.55	Cersin Wax, white, bags.....	10%	20	German, bags.....	14	16
Bamboo Brier Root, bags.....	05%	06	Yellow, 200 lb bags.....	09	10	Indian, bags.....	08%	09
Barberry Bark, tree bales.....	13	15	CHAMOMILE FLOWERS, Roman			Fennel Greek Seed, 200 lb bags....	05%	05%
Root, bags.....	35	37	cases bales.....	17	18	Fish Berries, 100-125 lb bags....	08	08%
Bayberry Bark, bales.....	10	12	Hung. cases bales.....	09	10	Flax Seed, whole, 180 lb bbls....	15.00	15.05
Wax, bbls.....	21	23	Charcoal, Willow, powd bbls....	05%	06%	Ground, 180 lb bbls.....	08	08%
Belladonna Leaves, balm.....	25	27	Wood, powd. bbls.....	04	06	Fringe Tree Bark, bags.....	25	28
Root, bags.....	15	18	Wortwort Bark, bags.....	07	08	Fumigating Pastilles Black, 1 lb		
Bees Wax, white cases.....	52%	54%	Herb, bales.....	06	06%	boxes.....	18	18
Yellow, refined, cases.....	42	46	Mulle Gum, bags.....	85	90	Red, 1 lb boxes.....	20	20
Crude bags.....	39	41	Chiretta, bales.....	07	10	GALANGAL ROOT, bags.....	09	10
Benzoin Gum, Siam, boxes.....	1.80	1.85	Chinchona Bark, red quills bales..	75	80	Galbanum Gum, cases.....	80	85
Sumatra, 80 lb boxes.....	24	25	Broken, bales.....	28	35	Gambier Gum, bags.....	18	17
Berberis Aquifolium Root, bags....	13	14	Cinnamon, Ceylon, No. 1 bales..	41	42	Gamboge Gum, 160 lb cases.....	85	87
Beth Root, bags.....	24	26	No. 2, bales.....	38	39	Powdered, cases.....	95	1.00
Bitter Root, 100 lb bags.....	40	43	No. 3, bales.....	37	38	Gelsemium Root, bags.....	12	13
Blackberry Bark, root, bales.....	53	54	Civet, Abyssin horns.....	2.55	2.60	Gentian Root, bags.....	08%	08
Tree, bales.....	15	17	Clover Tops, bags.....	20	22	Ground, bbls, boxes.....	12	13
Blod Root, bags.....	13	15	Cloves, Zanzibar, 135 lb bales..	24	24%	Powdered, boxes.....	12	13
Blueflag Root, bags.....	27	30	Ambrosia, bales.....	42	44	Ginger African, bags.....	15%	15%
Boldo Leaves, bales.....	15	20	Penang, bales.....	40	42	Jamaica, grinding, bags bbls....	18	19
Bonest Herb, bales.....	09	11	Rocheval, Black.....	51	53	Japan, bags.....	21	20
Leaves, bales.....	09	11	Jora Leaves, Whamsee bags.....			Cochin, ABC & Lemon, bags....	21	22
Borage Flowers, bales.....	18	20	Truxilla, bags.....			Ginseng Root, cultivated, bags....	8.00	10.00
Bryonia Root, bags.....	09	10	Cohosh Root, Black bags.....	06%	15	Northwestern Wild, bags.....	12.00	14.00
Black Indian Root, 100 lb bags....	40	43	Rice, bags.....	10	11	Southern Wild, bags.....	8.50	10.00
BUCKLE LEAVES, short, 250 lb								
bales.....	65	70	Pulp, USP, bales.....	23	25	Golden Seal Root, bags.....	5.10	5.15
Low bales.....	66	70	Colchicum Root, bags.....	08	09	Powdered boxes.....	5.25	5.40
Long bales.....			Seed, bags.....	16	17	Grains of Paradise, bags.....	13	14
Buckbean Leaves, bales.....	11	12	Polioth, apples, cases, bales....			Grindelia Robusta Herb, bales....	09	09%
Buckthorn Bark, bags.....	07	08	Pulp.....	22	25	Junia Gum, 80 lb cases powd....	45	55
Burdock Root, bags.....	10	13	Colombo Root, whole bags.....	08%	04	Guarana, tins, cases.....	85	90
Burgundy Pitch, com., 110 lb stands			Chitfoot Leaves, bags.....	05	08	GUM, see Arabic Gum, etc.		
Gross for net.....	10	11	Comfrey Root, bags.....	13	14	HELLEBORE ROOT,		
Imported.....	10	11	Cendurango Bark, bags.....	12%	13	Black, bbls.....	08	10
Calabar Beans, bags.....		1.00	Conium Herb, bags.....	12	14	Powdered.....	15	17
Calamagrostis, bleached, cases....	33	34	Conium Seed, bags.....	10	11	White, Powd., 250 lb bbls....	12	13
Unbleached, bags.....	08%	07	Copaiba Balsam Para, see Balsams			Hellonias Root, (unicorn false)		
Calendula Petals, imp, bales.....	28	30	Coral Gum.....	12	14	bags.....	67	69
Calisaya Bark, bales powd.....	30	31	Coriander Seed, Bombay, bags....	06	06%	Hemp Seed, Manchurian, bags....	03%	03%
Camphor, see Chemicals.....			Morocco, bags.....	05%	05%	Chilean, bags.....	04	04%
Canary Seed, Morocco bags.....	07%	08%	Bleached, bags.....	09	09%	Hembane Leaves, bales, USP.....	27	20
Spanish bags.....	08%	09	Corn Silk bales.....	05%	08%	No assay.....	24	28
South American, bags.....	07%	07%	Cotton Root Bark, bales.....		13	Jenna Leaves, bales.....	08%	10
Candelilla Wax, bags.....	30	33	Dowage, oz. tins.....		65	Powdered.....	12	14
Canela Alba Bark, bales.....	50	62	Trump Bark, so-called bales....	06%	07	Yoner, Calif., 120 lb cases.....	11	13
Cannabis, true imp. bags.....			True, bags.....	30	32	Hops, NY prime bale.....	26	30
American (no assay) bales.....	46	60	Cranesbill Root, bags.....	09	10	Pacific Coast prime bales.....	25	37
USP.....	46	60	CUBEB BERRIES, XX bags.....	65	66	Horsebound Herb, bales.....	09	10
Castorides, Chinese cases.....	95	1.00	Powdered, bxs.....	65	67	Horse Nettle, Berwick, bags.....	35	35
Powdered bags.....	1.18	1.20	Culters Root, bags.....	19	20	Horsetail Rub, bags.....		18
Russian, cases.....	80	85	Cumin Seed, Levant bags.....	14%	15	Hydrangea Root, bales.....	00	10
Powdered, boxes.....	95	1.05	Malta, bags.....	18%	14	India Gum, see Karaya.....		
Caraway Seed, African, bags.....	07%	08	Morocco, bags.....		14	INSECT FLOWERS, open whole		
Dutch, 11 lb bags.....	08%	08%	Vertebral Bone, Trieste, straps....	18%	14	Bales.....	34	38
Cardamom, bleached, cases.....	2.70	3.10	Jewellers large, straps.....		30	Closed, whole bales.....	36	38
Decorticated, cases.....	2.40	2.60	Small, straps.....		25	Powdered, pure 200 lb bbls....	37	40
Green, grinding, bags.....	1.60	1.70	French, straps.....	18%	14	Flowers and stems, 50 p.c.	30	31
Jamaica Wax, Flor. bags.....	39	40	Powdered, boxes.....	08	09	200 lb bbls.....	30	31
Powd.....	39	40	Broken, boxes.....	07	07	Opacac Root, Cartagena, bags....	1.95	2.05
No. 1, yellow bags.....	37	38	Jamar Gum, 15 lb cases.....	27	28	Powdered, 200 lb bbls, bxs....	2.30	2.40
No. 2, N Country bags.....	31	34	Damiana Leaves, bales.....		1.25	Rio Whole, bags.....	1.90	1.95
No. 3, N Country bags.....	28	28%	Dandelion Root, Imp. bags.....	18	19	Powdered, 200 lb bbls, bxs....	2.25	2.30
No. 3, chaly, bags.....	27%	28	Deer Tongue Leaves, bales.....	04%	04	Isinglass American, 130 lb cs....	75	80
Cassia Amara, 150 lb bales.....	1.28	1.40	Midgates Leaves, bales.....	10	11	Breudan (Beluga) bxs. ctms....	4.00	4.50
So-called bales.....	55	60	Mill Seed, bags.....	05%	05%	JABORANDI LEAVES, bales.....		
Cassia Sagrada, bales,								
1920-22 bark.....	28	28	Cleaved, bags.....	08%	08%	Jalen Root, whole, 150 lb bags....	29	30
1923 bark.....	21	24	Powdered Bark Jamaica, bags....	04%	10	Powdered, USP 250 lb bbls....	34	38
1924 bark.....	14%	15	American bales.....	07	08	Japan Wax, White, bags.....	16	16%
1925 bark.....	12%	13	Doggrass Root, USP, cut bags....	12	13	Jelly's Team, White, bags.....		
Cassavilla Bark, quills, bales.....			Tragacanth Root, mass cases....	70	74	Juniper Berries, 125 lb bags....	05	06
Offings, bbls.....			Reeds, boxes.....	85	90	KAMALA, USP, boxes.....	1.00	1.05
Candia Batavia, No. 1 bales.....	11	11%	ECHINACEA ROOT, bags.....			Karaya Gum, powdered, bbls....	08%	10
Shortstick, bales.....	10	10%		29	32			

## Crude Drugs

Acacia Gum No. 1.....lb	.62	.70	Marjoram Leaves, French, bales..lb	.36	.37	Opium, Powdered, USP, cases....lb	13.00	14.00
Acacia Gum, black cases.....lb	.18	.19	Chilian, bales.....lb	.24 1/2	.25	Orange Flowers, cases.....lb	.25	1.25
Acacia Gum, 150 lb bags.....lb	.55	.60	Mastic Gum, 120 lb cases.....lb	.56	.60	Orange Peel, bitter, bags.....lb	.07 1/2	.08
Acacia Gum, 150 lb bags.....lb	.04 1/2	.05	Matico Leaves, bales.....lb	.14	.15	Sweet, bags.....lb	.11	.11 1/2
Acacia Gum, 150 lb bags.....lb	1.50	1.75	Mezerion Bark, bags.....lb	.11	.12	ORRIS ROOT, Florentine bold bags..lb	.09	.10
Acacia Gum, 150 lb bags.....lb	.55	.60	Millet Seed, dom, yellow bags..lb	.03 1/2	.04	Powdered, 200 lb bbls.....lb	.11 1/2	.13
Acacia Gum, 150 lb bags.....lb	4.00	6.25	Montan Wax, crude bags.....lb	.06 1/2	.07	Verona, bags.....lb	.08	.10
Acacia Gum, 150 lb bags.....lb	.10	.11	Bleached.....lb	.....	.....	Powdered, 200 lb bbls.....lb	.11	.12
Acacia Gum, 150 lb bags.....lb	.04 1/2	.05 1/2	Moss, Iceland, bales.....lb	.08 1/2	.10	Fingers, cases.....lb	.58	.60
Acacia Gum, 150 lb bags.....lb	.04 1/2	.05	Irish, bleached, bales.....lb	.09	.11	Ozokerite Wax, brown hard bags..lb	.24	.25
Acacia Gum, 150 lb bags.....lb	.25	.35	Select, bales.....lb	.12	.13	Green, hard bags.....lb	.26	.29
Acacia Gum, 150 lb bags.....lb	.22	.24	Mullein Flowers, tins.....lb	.85	.90	Refined, yellow, bags.....lb	.....	.37
Acacia Gum, 150 lb bags.....lb	.30	.38	Musk, pods, Carbadine, tins.....oz	16.00	17.00	PAPRIKA, bags.....lb	.18	.24 1/2
Acacia Gum, 150 lb bags.....lb	3.20	3.75	Tongva.....lb	23.00	25.00	Hungarian.....lb	.25	.25 1/2
Acacia Gum, 150 lb bags.....lb	.08 1/2	.09	Grain Cab.....lb	25.00	26.00	Pareira Brava Root, bags.....lb	.11	.12
Acacia Gum, 150 lb bags.....lb	.03	.04	Tongva.....lb	35.00	38.00	Parsley Seed, bags.....lb	.15	.17
Acacia Gum, 150 lb bags.....lb	.07	.08	Synthetic, see Chemicals.....lb	1.90	2.50	Patchouli, Leaves, bales.....lb	.19	.20
Acacia Gum, 150 lb bags.....lb	.12	.13	Musk Root, Russian, bags.....lb	.12	.12 1/2	Pellitory Root, bales.....lb	.19	.20
Acacia Gum, 150 lb bags.....lb	.08 1/2	.07	Mustard Seed Bari brown bags..lb	.08 1/2	.09	Pennyroyal.....lb	.07	.10
Acacia Gum, 150 lb bags.....lb	.03	.03 1/2	Bombay, brown.....lb	.11	.11 1/2	Pepper, black, Sing. bags.....lb	.14	.14 1/2
Acacia Gum, 150 lb bags.....lb	.05	.06	California, brown.....lb	.....	.11 1/2	White, bags.....lb	.22	.22 1/2
Acacia Gum, 150 lb bags.....lb	.60	.65	Chinese yellow.....lb	.05 1/2	.06 1/2	Alley, bags.....lb	.14 1/2	.14 1/2
Acacia Gum, 150 lb bags.....lb	.11	.11 1/2	English, yellow.....lb	.09	.09 1/2	Lampoon, bags.....lb	.14	.14 1/2
Acacia Gum, 150 lb bags.....lb	.19	.20	Dutch, yellow.....lb	.08 1/2	.09 1/2	Tellcherry, bags.....lb	.14	.15
Acacia Gum, 150 lb bags.....lb	.45	.48	Danish, yellow.....lb	.08 1/2	.09	Munck, bags.....lb	.23	.23 1/2
Acacia Gum, 150 lb bags.....lb	.62	.65	Myrrh Gum, select, 200 lb cs.....lb	.25	.28	Red Chillies, Japan No. 1, lbs..lb	.21	.21 1/2
Acacia Gum, 150 lb bags.....lb	.20	.25	Sorts, cases.....lb	.20	.24	Mombassa, bags.....lb	.09	.09 1/2
Acacia Gum, 150 lb bags.....lb	1.55	1.60	NUTGALLS, Chinese, bags.....lb	.17	.18	Talay, bags.....lb	.10	.11
Acacia Gum, 150 lb bags.....lb	1.00	1.05	leppy, bags.....lb	.20	.22	Capsicum, Bombay, bags.....lb	.11	.11 1/2
Acacia Gum, 150 lb bags.....lb	.85	.90	Nutmegs, 110s cases.....lb	.52	.53	Peppermint Leaves, imp. bales..lb	.18	.22
Acacia Gum, 150 lb bags.....lb	1.03	1.04	75s, 80s, cases.....lb	.59	.61	Cuts, bales.....lb	.12	.14
Acacia Gum, 150 lb bags.....lb	1.03	1.05	Grinding, bags.....lb	.48	.50	Domestic leaf.....lb	.18	.19
Acacia Gum, 150 lb bags.....lb	.88	.90	Nux Vomica Buttons, bags.....lb	.05 1/2	.06	Pern Balsam, see Balsams.....lb	.17	.19
Acacia Gum, 150 lb bags.....lb	.85	.87	Powdered, 200 lb bbls.....lb	.09	.12	Pichl Leaves, bags.....lb	.08 1/2	.09
Acacia Gum, 150 lb bags.....lb	.34	.37	CAK BARK, red bags.....lb	.05	.06	Pink Root, true bags.....lb	.72	.75
Acacia Gum, 150 lb bags.....lb	.55	.60	White, bags.....lb	.06	.07	Pitch, Burgundy, see Burgundy Pitch.....lb	.....	.12
Acacia Gum, 150 lb bags.....lb	.17	.22	Olibanum Gum, sift 280 lb cases..lb	.12	.12 1/2	Plantain Leaves, bales.....lb	.....	.19
Acacia Gum, 150 lb bags.....lb	.65	.70	Tears, 280 lb cases.....lb	.22	.23	Pleurisy Root, bags.....lb	.15	.17
Acacia Gum, 150 lb bags.....lb	.38	.40	No 1, all white 280 lb cases.....lb	.12	.14	Poke Berries, bags.....lb	.....	.30
Acacia Gum, 150 lb bags.....lb	.....	.30	No 2, 280 lb cases.....lb	12.00	13.00	Pomegranate Bark, of root bags..lb	.....	.30
Acacia Gum, 150 lb bags.....lb	.10	.12	Optum, gum, USP, cases.....lb	13.00	14.00	Of Tree.....lb	.....	.30
Acacia Gum, 150 lb bags.....lb	.27	.28	Granular, cans.....lb	.....	.....	Pony Flowers, red bags.....lb	.25	.27
Acacia Gum, 150 lb bags.....lb	.....	.....	.....	.....	.....	.....	.....	.....

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## Crude Drugs

Arrowroot, Amer. Powd., bbls. ....	.10	.10%	Cassia Batavia, No. 3 bales ....	.10	.10%	Elecampane Root, bags ....	.09	.10
Bermuda, bbls. ....	.13	.14	China, select, rolls, cases ....	.06%	.06%	Kider Flowers, bags ....	.10	.13
St. Vincent, powd bbls. ....	.13	.14	Broken, bales ....	.06%	.06%	Ziemi Gum, 89 lb cases ....	.12%	.13%
Amefide, USP, 250 lb cases ....	.26	.27	Box, cases ....	.20	.21	Elm Bark, select 5 lb bundles cases	.26	.27
Powd., 50 lb bxs. ....	.40	.42	Cassia Fistula, baskets ....	.09	.11	Grinding, bags ....	.16	.17
BALM GILEAD RUDES, bags ....	.40	.43	Castile Soap, USP, powd., 200 lb	.30	.32	Powdered, bbls. ....	.23	.25
Balmory Herbs, bales ....	.14	.14	bbls. ....	.03	.03	ERGET, 150 200 lb bags ....	.50	.54
BALSAMS			Castor Beans, bags ....	.03	.03	Eucalyptus Leaves, bales ....	.05%	.06
Copaiba, Para, 80 lb cs. ....	.54	.55	Castoreum, 1 lb bot. ....	.40	.40	Euphorbia Pilulifera Herb, bags	.09	.09%
South American, 80 lb cs. ....	.58	.60	Catechu Gum, bags ....	.11	.12	Zuphorbium Gum, cases ....	.27	nom
Fir Canada, cases ....	11.00	12.00	Catnip Herb, bales ....	.23	.26	Powdered boxes ....	.28	.30
Oregon, bbls., cases ....	1.00	1.20	Celery Seed, bales ....	.26%	.27%	Fennel Seed, French, bags ....	.09	.10
Peru, 120 lb cases ....	1.85	1.90	Ceroid Wax, white, bags ....	.10%	.20	German, bags ....	.14	.16
Tolu, 120 lb cases ....	1.45	1.55	Yellow, 200 lb bags ....	.09	.10	Indian, bags ....	.08%	.09
Bamboo Brier Root, bags ....	.05%	.06	CHAMOMILE FLOWERS, Roman	.17	.18	Fennugreek Seed, 200 lb bags ....	.05	.05%
Barberry Bark, tree bales ....	.13	.15	cases bales ....	.17	.18	Fish Berries, 100-125 lb bags ....	.09	.09%
Root, bags ....	.35	.37	Bung, cases bales ....	.09	.10	Flax Seed, whole, 180 lb bbls. ....	15.00	15.05
Barberry Bark, bales ....	.10	.12	Charcoal, Willow, powd bbls. ....	.05%	.06%	Ground, 180 lb bbls. ....	.08	.08%
Wax, bbls. ....	.21	.23	Wood, powd. bbls. ....	.04	.06	Pring Tree Bark, bags ....	.25	.28
Belladonna Leaves, bales ....	.25	.27	Yerbut Bark, bags ....	.07	.08	Fumigating Pastilles Black, 1 lb	.18	.18
Root, bags ....	.15	.16	Herb, bales ....	.06	.06	boxes ....	.20	.20
Bees Wax, white cases ....	.52%	.54%	Chicle Gum, bags ....	.85	.90	Red, 1 lb boxes ....	.20	.20
Yellow, refined, cases ....	.42	.46	Chiretta, bales ....	.07	.10	GALANGAL ROOT, bags ....	.09	.10
Crude bags ....	.59	.61	cinchona Bark, red quills bales ....	.75	.80	Galbanum Gum, cases ....	.80	.85
Bennoin Gum, Siam, bales ....	1.80	1.85	Broken, bales ....	.28	.35	Gambier Gum, bags ....	.16	.17
Sumatra, 80 lb boxes ....	.24	.25	Cinnamon, Ceylon, No. 1 bales	.41	.42	Gamboge Gum, 100 lb cases ....	.85	.87
Berberis Aquifolium Root, bags ....	.13	.14	No. 2, bales ....	.38	.39	Powdered, cases ....	.95	1.00
Beth Root, bags ....	.24	.26	No. 3, bales ....	.37	.38	Gelsemium Root, bags ....	.12	.13
Bitter Root, 100 lb bags ....	.40	.43	Civet, Abyssin horns ....	2.55	2.80	Gentian Root, bags ....	.08%	.09
Blackhaw Bark, root, bales ....	.33	.34	Clover Tone bags ....	.20	.29	Ground, bbls., boxes ....	.12	.13
Tree, bales ....	.15	.17	Cloves, Zambar, 135 lb bales ....	.24	.24%	Powdered, boxes ....	.12	.13
Blood Root, bags ....	.13	.15	Ambrosia, bales ....	.42	.44	Ginger African, bags ....	.15%	.15%
Blinding Root, bags ....	.27	.30	Pemang, bales ....	.40	.42	Jamaica, grinding, bags bbls. ....	.18	.19
Boldo Leaves, bales ....	.15	.20	Podineal, Black ....	.51	.53	Japan, ABC ....	.21	nom
Bonnet Herb, bales ....	.09	.11	Cora Leaves, Huancoco bags ....	.10	.10	Cochin, ABC & Lemon, bags ....	.21	.22
Leaves, bales ....	.09	.11	Traxilla, bags ....	.06%	.15	Ginseng Root, cultivated, bags ....	8.00	10.00
Borage Flowers, bales ....	.18	.20	Cohosh Root, Black bags ....	.10	.11	Northwestern Wild, bags ....	12.00	14.00
Bryonia Root, bags ....	.09	.10	Blue, bags ....	.23	.23	Southern Wild, bags ....	8.50	10.00
Black Indian Root, 100 lb bags ....	.40	.43	Colchicum Root, bags ....	.04	.06	Golden Seal Root, bags ....	5.10	5.15
BUCKS LEAVES, short, 250 lb	.65	.70	Seed, bags ....	.16	.17	Powdered boxes ....	5.25	5.40
bales ....	.66	.70	Coltsfoot, apples, cases, bales ....	.22	.25	Grains of Paradise, bags ....	.13	.14
Low bales ....	.11	.12	Columbe Root, whole bags ....	.03%	.04	Grindelia Robusta Herb, bales ....	.09	.09%
Long bales ....	.07	.08	Coultas Root, leaves, bags ....	.05	.06	Judae Gum, 80 lb cases powd. ....	.45	.55
Buckbean Leaves, bales ....	.10	.13	Coultas Root, bags ....	.13	.14	Guarans, tins, cases ....	.85	.90
Burckoth Bark, bags ....	.07	.08	Condurango Bark, bags ....	.12%	.13	GUM, see Arabic Gum, etc.		
Burckoth Root, bags ....	.10	.13	Conium Herb, bags ....	.12	.14	HELLEBORE ROOT,		
Burgundy Pitch, com., 110 lb stands	.10	.13	Conium Seed, bags ....	.10	.11	Black, bbls. ....	.08	.10
Grom for net ....	.10	.11	Copaiba Balsam Para, see Balsams	.12	.13	Powdered ....	.15	.17
Imported ....	.10	.11	Coral Gum ....	.06	.06%	White, Powd., 250 lb bbls. ....	.12	.13
Calabar Beans, bags ....	.10	1.00	Morocco, bags ....	.05%	.05%	Hellonias Root, (unicorn false)	.67	.68
Calabar Root, bleached, cases ....	.33	.34	Bleached, bags ....	.09	.09%	bags ....	.67	.68
Unbleached, bags ....	.06%	.07	Corn Silk bales ....	.05%	.06%	Hemp Seed, Manchurian, bags ....	.03%	.03%
Calendula Petals, imp. bales ....	.27	.27	Cotton Root Bark, bales ....	.13	.13	Chilean, bags ....	.04	.04%
Calisaya Bark, bales powd ....	.20	.21	Cowhage, oz. tins ....	.05	.05	Hemban Leaves, bales, USP ....	.27	.30
Campor, see Chemicals			Tramp Bark, so-called bales ....	.06%	.07	No away ....	.24	.26
Canary Seed, Morocco bags ....	.07%	.08%	True, bags ....	.30	.32	Jenna Leaves, bales ....	.08%	.10
Spanish bags ....	.08%	.09	Cranesbill Root, bags ....	.09	.10	Powdered ....	.12	.14
South American, bags ....	.07%	.07%	CUBES BERRIES, XX bags ....	.65	.66	Yonew, Calif., 120 lb cases ....	.11	.12
Candellilla Wax, bags ....	.30	.31	Powdered, bxs ....	.65	.67	Hops, NY prime bale ....	.26	.30
Candella Alba Bark, bales ....	.50	.52	Culvers Root, bags ....	.19	.20	Pacific Coast prime bales ....	.25	.27
Cannabae, true Imp. bags ....	.90	.90	Cumin Seed, Levant bags ....	.14%	.15	Horobound Herb, bales ....	.09	.10
American (no assay) bales ....	.46	.60	Malta, bags ....	.13%	.14	Horse Nettle, Berries, bags ....	.35	.35
USP, ....	.46	.60	Morocco, bags ....	.14	.14	Horehall Bush, bags ....	.15	.16
Cantharides, Chinese cases ....	.95	1.00	Witch-hell Bone, Trioste. straps ....	.18%	.19	Hydrangea Root, bales ....	.09	.10
Powdered bags ....	1.18	1.20	Jewellers large, straps ....	.30	.30	India Gum, see Karaya		
Russian, cases ....	.80	.85	Small, straps ....	.25	.25	INSECT FLOWERS, open whole		
Powdered, boxes ....	.95	1.05	French, straps ....	.13%	.14	Bales ....	.34	.36
Caraway Seed, African, bags ....	.07%	.08	Powdered, boxes ....	.08	.09	Closed, whole bales ....	.36	.38
Dutch, 11 lb bags ....	.08%	.08%	Broken, boxes ....	.07	.07	Powdered, pure 200 lb bbls. ....	.37	.40
Cardamum, bleached, cases ....	2.70	3.10	Yamar Gum, 138 lb cases ....	.27	.28	Flowers and stems, 50 p.c.	.30	.31
Decorated, cases ....	2.40	2.60	Damiana Leaves, bales ....	.12%	.13	200 lb bbls. ....	.30	.31
Green, grinding, bags ....	1.60	1.70	Dandelion Root, Imp. bags ....	.18	.19	Ipecac Root, Cartagena, bags ....	1.95	2.05
Carnauba Wax, Flor. bags ....	.39	.40	Deer Tongue Leaves, bales ....	.09%	.09	Powdered, 200 lb bbls, bxs ....	2.30	2.40
Powd. ....	.39	.40	Dill Seeds, bags ....	.10	.11	Rio Whole, bags ....	1.90	1.95
No. 1, yellow bags ....	.37	.38	Distill Seeds, bags ....	.05%	.05%	Powdered, 200 lb bbls, bxs ....	2.25	2.30
No. 2, N Country bags ....	.31	.34	Cleaned, bags ....	.08%	.08%	Isinglass American, 150 lb cs. ....	.75	.80
No. 3, N Country bags ....	.28	.28%	Turned Bark Jamaica, bags ....	.09%	.10	Burman (Beluga) bxs. cases ....	4.00	4.50
No. 3, chally, bags ....	.27%	.28	American bales ....	.07	.08	IABORANDI LEAVES, bales ....	.10	.10%
Cassia Amara, 150 lb bales ....	1.28	1.30	Doggram Root, USP, cut bags ....	.12	.13	Taken Root, whole, 150 lb bags ....	.28	.28
So-called bales ....	.55	.60	Tramete Root, mass cases ....	.70	.74	Powdered, USP 250 lb bbls. ....	.34	.34
Cassia Sagrada, bales			Reed, boxes ....	.85	.90	Japan Wax, White, bags ....	.16	.16%
1920-22 bark ....	.20	.22	ECHINACEA ROOT, bags ....	.29	.32	Job's Tears, White, bags ....	.05	.05
1923 bark ....	.21	.24				Juniper Berries, 125 lb bags ....	1.04	1.05
1924 bark ....	.14%	.15				WAMALA, USP, bales	.08%	.10
1925 bark ....	.12%	.13				Karaya Gum, powdered, bbls. ....	.08%	.10
Cassia Bark, quills, bales ....	.11	.11%						
Offings, bbls. ....	.10	.10%						
Cassia Batavia, No. 1 bales ....	.11	.11%						
Shortstick, bales ....	.10	.10%						

\*PRICES CURRENT SECTION



## Crude Drugs

Latex Gum No. 1	lb	.68	: .70	Marjoram Leaves, French, bales	lb	.38	: .37	Opium, Powdered, USP, cans	lb	13.00	: 14.00
Latex Gum, black cases	lb	.18	: .19	Chilian, bales	lb	24 1/2	: .25	Orange Flowers, cases	lb	.25	: 1.25
Latex Nuts, 150 lb bags	lb	.55	: .60	Mastic Gum, 120 lb cans	lb	.58	: .60	Orange Peel, bitter, bags	lb	.07 1/2	: .08
Latex Slipper Root, bags	lb	1.50	: 1.75	Matico Leaves, bales	lb	.14	: .15	Sweet, bags	lb	.11	: .11 1/2
Lariguer Seed, bags	lb	4.00	: 6.25	Mezeron Bark, bags	lb	.11	: .12	ORRIS ROOT, Florentine bold bags	lb	.09	: .10
Marl Berries, bags	lb	.10	: .11	Millet Seed, dom, yellow bags	lb	.03 1/2	: .04	Powdered, 200 lb bbls.	lb	.11 1/2	: .13
Leaves, Greek, bags	lb	.04 1/2	: .05 1/2	Montan Wax, crude bags	lb	.06 1/2	: .07	Verona, bags	lb	.08	: .10
Italian bales	lb	.04 1/2	: .05	Bleached	lb			Powdered, 200 lb bbls.	lb	.11	: .12
American, bales	lb	.25	: .35	Moss, Iceland, bales	lb	.08 1/2	: .10	Fingers, cans	lb	.58	: .60
Lowder Flowers, ordinary	lb	.22	: .24	Irish, bleached, bales	lb	.09	: .11	Ozokerite Wax, brown hard bags	lb	.24	: .25
Selected	lb	.30	: .38	Select, bags	lb	.12	: .13	Green, hard bags	lb	.26	: .29
Lectine tubes	Per 100	3.20	: 3.75	Mullein Flowers, tins	lb	.85	: .90	Refined, yellow, bags	lb	.18	: .24 1/2
Lenon Peel, bags	lb	.08 1/2	: .09	Musk, pods, Carbadine, tins	oz	16.00	: 17.00	PAPRIKA, bags	lb	.25	: .25 1/2
Urticaria Root, Russian, whole	lb	.03	: .04	Tonquin	oz	22.00	: 25.00	Hungarian	lb	.11	: .12
Spanish, natural bales	lb	.07	: .08	Grain Cab.	oz	25.00	: 26.00	Pareira Brava Root, bags	lb	.15	: .17
Selected, 2 & 5 lb bundles	lb	.12	: .13	Tonquin	oz	35.00	: 38.00	Parsley Seed, bags	lb	.19	: .20
Cuttings, 125 lb bags	lb	.06 1/2	: .07	Synthetic, see Chemicals				Patchouli, Leaves, bales	lb	.19	: .20
Turkish, 150 lb bales	lb	.03	: .08 1/2	Musk Root, Russia, bags	lb	1.90	: 2.50	Pellitory Root, bales	lb	.19	: .20
Life Everlasting Herbs, bales	lb	.05	: .06	Mustard Seed Bari brown bags	lb	.12	: .12 1/2	Pennyroyal	lb	.07	: .10
Lime Juice, clarified bbls.	gal	.60	: .65	Bombay, brown	lb	.08 1/2	: .09	Pepper, black, Sing. bags	lb	.14	: .14 1/2
Linden Flowers with leaves, bales	lb	.11	: .11 1/2	California, brown	lb	.11	: .11 1/2	White, bags	lb	.22	: .22 1/2
Without Leaves, bales	lb	.19	: .20	Yellow	lb	.11 1/2	: .11 1/2	Allep, bags	lb	.14 1/2	: .14 1/2
Lobelia Herb, bales	lb	.45	: .48	Chinese yellow	lb	.05 1/2	: .06 1/2	Lampung, bags	lb	.14	: .14 1/2
Lobelia Seed, bags	lb	.62	: .65	English, yellow	lb	.09	: .09 1/2	Tellecherry, bags	lb	.23	: .23 1/2
Louge Root, Imported, bags	lb	.20	: .25	Dutch, yellow	lb	.08 1/2	: .09 1/2	Munck, bags	lb	.21	: .21 1/2
Lupulin, N.F. tins	lb	1.55	: 1.60	Danish, yellow	lb	.08 1/2	: .09	Red Chillies Japan No. 1, lbs	lb	.09	: .09 1/2
Bands, No. 1 cases	lb	1.00	: 1.05	Myrrh Gum, select, 200 lb cs.	lb	.25	: .28	Mombasa, bags	lb	.10	: .11
RACE, Slaw, No. 1	lb	1.03	: 1.04	Sorts, cases	lb	.20	: .24	Talay, bags	lb	.11	: .11 1/2
Banda, No. 1 cases	lb	1.03	: 1.05	MUTGALLS, Chinese, bags	lb	.17	: .18	Capsicum, Bombay, bags	lb	.11	: .11 1/2
Bastaria, No. 2, cases	lb	.88	: .90	leppy, bags	lb	.20	: .22	Peppermint Leaves, imp. bales	lb	.18	: .22
West India, cases	lb	.85	: .87	Nutmegs, 110s cases	lb	.52	: .53	Cuts, bales	lb	.12	: .14
White Flowers, blue bales	lb	.34	: .37	75s, 80s, cases	lb	.59	: .61	Domestic leaf	lb	.18	: .19
Black, bales	lb	.55	: .60	Grinding, bags	lb	.48	: .50	Pern Balsam, see Balsams			
Nanca Root, bales	lb	.17	: .22	Nux Vomica Buttons, bags	lb	.05 1/2	: .06	Piehl Leaves, bags	lb	.17	: .19
Nuts, large flake, cases	lb	.65	: .70	Powdered, 200 lb bbls.	lb	.09	: .12	Pimento Select, bags	lb	.08 1/2	: .09
Small flake, cases	lb	.38	: .40	SAK BARK, red bags	lb	.05	: .06	Pink Root, true bags	lb	.72	: .75
Sore, cases	lb	.10	: .12	White, bags	lb	.06	: .07	Pitch, Burgundy, see Burgundy Pitch			
Mandarin Root bags	lb	.27	: .28	Olibanum Gum, sift, 250 lb cases	lb	.12	: .12 1/2	Plantain Leaves, bales	lb	.12	: .19
Marjoram Leaves, German, bales	lb	.27	: .28	Tears, 250 lb cases	lb	.22	: .23	Pleuris Root, bags	lb	.15	: .17
African, bales	lb	.27	: .28	No. 1, all white 250 lb cases	lb	.12	: .14	Poke Berries	lb	.30	: .30
				No. 2, 250 lb cases	lb	.12	: .14	Pomegranate Bark, of root bags	lb	.30	: .30
				Opium, gum, USP, cases	lb	12.00	: 13.00	Of Fruit, bags	lb	.30	: .30
				Granular, cans	lb	13.00	: 14.00	Of Tree	lb	.30	: .30
								Pondy Flowers, red bags	lb	.25	: .27

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## Crude Drugs

Poppy Seeds, Dutch, bags ....	.11 : .11%	Savory Leaves, bales .....	.07% : .08	Spruce Gum, boxes .....	1.00 : 1.50
German, bags .....	.09% : .10	Saw Palmetto Berries, bags ....	.40 : .45	Squaw Vine, bales .....	.16 : .17
Turkish, bags .....	.09% : .09%	Scammony Root, boxes .....	1.20 : 1.50	Squills, white .....	.05 : .06
Blue Indian, bags .....	.. : ..	Scammony Root, bags .....	.07 : .08	Powdered, bulk .....	.12 : .14
White Indian, bags .....	.08% : .09	Serges Root, bags .....	.55 : .56	Stawacore Seed, bags .....	.35 : .37
Prickly Ash Bark, Southern, bags ..	.21 : .22	SENNA, Alex 150 lb cases ....	.22 : .23	Sticklac, 250 lb bales .....	.35 : .44
Northern, bags .....	.. : ..	Half Leaf, 350 lb bales .....	.13 : .15	Stillings Root, bags .....	.12 : .13
Prickly Ash Berries, bags .....	.12 : .14	Stirrings, 400 lb bales .....	.10 : .11	Stone Root, bags .....	.09 : .10
Prince's Pine, bales .....	.20 : .25	recovered, 200 lb bbls. ....	.14 : .14%	St. Ignatius Beans, bags .....	.12 : .14
Pulsatilla Herb, bags .....	.12 : .13	Tinnovelly, Bold, 250 lb bbls. ..	.14 : .15	St. John's Bread, bags .....	.08 : .09
Pumpkin Seed, bags .....	.18 : .20	Medium Leaf .....	.11 : .14	Stramonium Leaves, bales .....	.09% : .10
QUASSIA CHIPS, bags .....	.07 : .07%	Small Leaf .....	.08 : .11	Stramonium Seed, bags .....	.10 : .11
Queen of the Meadow Herb, bags ..	.. : .06	Powdered, 200 lb bbls. ....	.09% : .10	Strophanthus Seed, Hlophus ..	.. : ..
Quince Seed, bags .....	.78 : .80	Pods, 250 lb bales .....	.30 : .31	Kombe bags .....	1.00 : 1.33
RAPE SEED, South Amer. bags ..	.06% : .07	Serpentaria Root, bags .....	.85 : .90	Styrax, liquid artif. ....	.35 : .40
Dutch, bags .....	.08 : .08%	Smellac, D. C., bags .....	.78 : .79	Gen. USP, .....	.45 : .48
Japanese, small, bags .....	.07% : .08	v.S.O. bags .....	.73 : .75	Sunflower Seed, domestic bags ..	.05% : .06%
Raspberries, dried bbls. ....	.50 : .52	unsmooth 1, bags .....	.63 : .65	South American, bags .....	.05 : .05%
Red Saunders .....	.17 : .19	Superfine, Orange, bags .....	.63 : .65	TAGALDER BARK, bags .....	.05 : .06
Shatany Root, bags .....	.09 : .10	Y. N., bags .....	.59 : .60	Tamarinds, bbls. ....	.07 : .08
RHUHARB, Root, H.D. cases ..	.33 : .35	Garnet, A. C., .....	.57 : .60	Kops .....	3.75 : 3.80
Powdered, 200 lb bales .....	.38 : .40	nutton bags .....	.76 : .78	Tansy Herb, bales .....	.16 : .18
Rosemary Leaves, bags .....	.06% : .07	Bleached, ground, blue .....	.56 : .58	Tar, Barbados, 50 gal. bbls. ....	1.40 : 1.50
Rosemary Flowers, cases bales ..	.. : .40	none Dry, bbls. ....	.56 : .58	Flus Gum, 250 lb bbls. ....	.09 : .10
Scot Petals, pale .....	.27 : .30	stidewits Herb, cut bags .....	.15 : .16	Thyme, Spanish bales .....	.09 : .09%
Red .....	.90 : 1.00	umaruba Bark, bales .....	.08 : .09	French, bales .....	.08 : .09%
Blue Herb, bales .....	.18 : .20	cutless Leaves, Eastern, bales ..	.60 : .63	Tilia, see Linden	.. : ..
SABADILLA SEED, bags .....	.14% : .16	western, bales .....	.52 : .54	Tolu Balsam, see Balsams	.. : ..
Powder, bbls .....	.19 : .20	Skunk Cabbage Root, bales .....	.13 : .16	Tonga Bark, bags .....	.70 : .75
Saffron Flowers, Amer. bales ..	.40 : .48	snake Root, Canada, natural, bags ..	.24 : .30	Tocha Beans, Angostura, cases ..	2.00 : 2.10
Valencia, 1 lb cans .....	31.00 : 32.00	stripped, bags .....	.50 : .60	Para, cases .....	.95 : 1.00
Sage, Dalmatian, bales .....	.04% : .05	SWAP BARK, whole, 150-200 lb	.. : ..	Surinam, cases .....	.85 : .90
Greek, bales .....	.03% : .04	cases .....	.10 : .12	Tragacanth Gum, No. 1 ribbon	.. : ..
Spanish, bales .....	.08 : .08%	Cut, 125-175 lb bags .....	.09% : .10%	100 lb ca. ....	1.45 : 1.50
Sandalwood, chips, bags .....	.16 : .19	crushed, 200 lb bbls. ....	.. : .11%	No. 2 .....	1.15 : 1.20
Ground, bags .....	.31 : .33	Powdered, 200 lb bbls. ....	.12 : .13	Powdered, 50 lb boxes .....	.87 : .91
Sandarac Gum, 300 lb bbls. ....	.45 : .48	spearmint Leaves, American bales ..	.27 : .29	Turkish, cases .....	.70 : .80
Sarsaparilla Root, Honduras, bales ..	.70 : .72	Spermaceti, blocks, cakes, cases ..	.42 : .43	.. : ..	.. : ..
Mexican .....	.22 : .23	Spikenard Root, bags .....	.17 : .18	.. : ..	.. : ..
Sassafras Bark, ordinary bales ..	.15 : .17	.. : ..	.. : ..	.. : ..	.. : ..
Select, bales .....	.32 : .35	.. : ..	.. : ..	.. : ..	.. : ..

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Essential Oils—Flavoring Oils

**JASMIN**

Natural liquid flower oil

**SCHMOLLER & BOMPARD**

For reinforcing synthetic Jasmins,  
making them like the natural.

**COMPAGNIE DUVAL**

\*32 CLIFF ST., NEW YORK

SOLE AGENTS IN U.S. AND CANADA

**SCHMOLLER & BOMPARD**

GRASSE (FRANCE)

MARIO DE PASQUALE  
MESSINA (ITALY)

D. M. BAKARDJIEV  
KARLOVO (BULGARIA)

## Essential Oils

1.50	Turmeric Root, Madras bags.....D	.12 1/2	.13
.17	Alsepy, bags.....D	.10 1/2	.11
.04	Powdered.....D	.13 1/2	.14
.14	China, bags.....D	.09	.09 1/2
.87	Turpentine, Venetian, true 80 lb. cts. D	.28	.27
.44	Artificial, 50 lb. cases.....D	.11	.13
.11	Spirits, see Naval Stores		
.19	UNICORN ROOT, false, see Helonias		
.19	True, see Aletris		
.14	One Urst Leaven, bales.....D	.05	.05 1/2
.50	VALERIAN ROOT, Belgian bags.....D	.45	.50
.10	Vanilla Beans, Mex. whole cases. D	10.00	11.00
.11	Cuts, cases.....D	8.25	8.50
.13	Bourbon, cases.....D	8.50	9.00
.00	South American, cases.....D	8.75	9.00
.00	Tahiti, yellow label cases.....D	7.75	8.00
.00	Green Label, cases.....D		
.00	Vetiver Root, 100 lb. bags.....D	.25	.26
.00	Violet Flowers, bags.....D	.80	.95
.00	WANGOOD BARK, of root bags.....D	.76	.80
.00	Of Tree, bags.....D	.32	.34
.00	White Pine Bark, rosed, bags.....D	.07 1/2	.08
.00	White Poplar Bark, bags.....D	.06	.07
.00	Wild Cherry Bark, thin green		
.00	Rosed, bales.....D	.12 1/2	.14
.00	Thick Rosed, bales.....D	.07	.09
.00	Thin Natural, bales.....D	.09	.09 1/2
.00	Thick Natural, bales.....D	.06	.07
.00	Willow bark, bags.....D		.08
.00	White, bags.....D		.15
.00	Witch Hazel Bark, bgs.....D	.07 1/2	.09
.00	Leaves, bales.....D	.07 1/2	.09
.00	Worm Seed, American, bags.....D	.08	.08 1/2
.00	Lavant, bags.....D	2.95	3.05
.00	Wormwood Herb, imported bales.....D		.10
.00	Sassa Gum, red.....D	.04	.04 1/2
.00	Sassa.....D	.05 1/2	.06 1/2
.00	Yellw Root (Zanthoxylum) bgs.....D	.16	.17
.00	Yellw DUCK ROOT, bags.....D	.12	.14
.00	Yellw Parilla Root, bags.....D	.16	.17
.00	Yerba Santa, bags.....D	.10	.11
.00	Sedary Root, bags.....D	.11	.12

## Essential Oils

Almond, Bitter, USP, 5 lb. bot.....D	3.00	3.25
Bitter ff PA 5 lb. bots.....D	3.15	3.35
Sweet, 56 lb. cans.....D	.80	.95
Apricot Kernel, 50 lb. cans.....D	.50	.55
Amber, crude, 25 lb. tins.....D	.50	.60
Rectified, 25 lb. tins.....D	.75	.80
Angelica Root, 1 lb. bot.....D	25.00	33.00
ANISE, Tech, 66 lb. case.....D	.60	.61
USP, 60 lb. cans.....D	.62	.65
Bay, 25 lb. tins.....D	2.25	2.35
Terpenoleum.....D	6.00	6.50
Bergamot, 25 lb. coppers.....D	3.30	3.75
Terpenoleum.....D	10.00	14.00
Artificial, 25 lb. cans.....D	2.00	2.20
Birch Tar, rect. 5 lb. bot.....D	.60	.70
Crude, 50 lb. tins.....D	.20	.25
Bois de Rose, 25 lb. tins.....D	4.00	4.25
Cade, 25 lb. cans.....D	.30	.35
Cajuput, native, 50 lb. tins.....D	.75	.80
Calamus, 5 lb. bot.....D	3.75	4.00
Camphor, Sassy 1000 lb. drs.....D	...	.14 1/2
White, 1000 lb. drs.....D	.11 1/2	.12
Cans, 50 lbs.....D	.14	.14 1/2
Cananga, native, 25 tins.....D	2.30	2.40
Rectified, 25 lb. tins.....D	2.75	3.00
Caraway, USP.....D	1.75	2.00
Cardamom, USP, 1 lb. bot.....D	40.00	45.00
Carvol, 5 lb. bot.....D	8.75	9.75
Cascarilla, USP, 1 lb. bot.....D	50.00	53.00
CASSIA, 80-85 p.c, 400 lb. drs.....D	1.90	2.00
Redistilled, USP, 50 lb. cans.....D	2.35	2.40
Cedar Leaf, 50 lb. tins.....D	.82 1/2	.90
Cedar Wood, light 1000 lb. drs.....D	.57 1/2	.60
Celery, 1 lb. bot.....D	8.75	9.00
Chaulmoogra, 80 lb. cases.....D	.85	.90
Cinnamon, Ceylon, 1 lb. bot.....D	10.50	11.00
Leaf, 5 lb. bot.....D	1.40	1.50

CITRONELLA, Ceylon		
1000 lb. drums.....D	.68	.68
50 lb. tins.....D	.68	.68
Java, 400 lb. drums.....D	1.00	1.10
50 lb. tins.....D	1.10	1.20
Cloves, USP, 50 lb. cans.....D	1.70	1.75
6 lb. bot.....D	1.75	1.85
Copaiba.....D	.55	.60
Coriander, USP, 1 lb. bot.....D	9.50	10.00
Croton, USP, 25 lb. tins.....D	.90	.95
Cubeta, USP, 5 lb. bot.....D	4.50	4.60
Cumin, 1 lb. bot.....D	11.00	15.00
Dill, 25 lb. cans.....D	4.00	4.25
Erigeron 20 lb. tins.....D	3.25	3.75
EUCALYPTUS, Austl. USP,		
56 lb. cs.....D	.57	.58
500 lb. drums.....D	.55	.58
Fennel, USP, 25 lb. tins.....D	.80	.90
Geranium, African, 25 lb. cans.....D	5.00	6.50
Bourbon, 25 lb. tins.....D	4.50	5.50
Turkish, 25 lb. tins.....D	4.00	4.50
Ginger, 1 lb. bot.....D	10.00	11.00
Gingergrass, 25 lb. tins.....D	2.50	2.75
Hemlock, 25 lb. tins.....D	.80	.85
Juniper Berries, USP, 25 lb. tins.....D	2.25	2.50
Wood, 50 lb. tins.....D	.60	.55
Lavender, USP, 28 lb. tins.....D	5.25	6.00
Spike, Spanish, 50 lb. cans.....D	1.10	1.75
LEMON, Ital USP, 25 lb. cans.....D	1.05	1.20
Terpenoleum.....D	8.00	11.00
American, USP 25 lb. cans.....D	1.00	1.05
Lemongrass, native, 50 lb. cans.....D	1.00	1.05
Limes, Express, 25 lb. tins.....D	4.50	4.75
Distilled, 25 lb. tins.....D	1.75	1.85
Linaloe, Mex., 80 lb. cases.....D	4.00	4.25
Mace, distilled, 50 lb. tins.....D	1.40	1.50
Mirbane, ref., see Ar. Chemicals		
Mustard, USP, 1 lb. bot.....D	...	14.00
Artif, USP, 5 lb. bot.....D	2.25	2.50
Neroli, Bigarade, 1/2 & 1 lb. bot.....D	40.00	60.00
Petale, 1 lb. bot.....D	80.00	100.00
Artificial, 1 lb. bot.....D	10.00	25.00

UNGERER &amp; CO.

Benzyl Benzoate

Benzyl Alcohol

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Paris

28, Rue St. Lazare

Toronto

42 Wellington Street, East

Works

Elizabeth, New Jersey

OTTO OF ROSES

PRICES CURRENT SECTION

## Essential Oils

Sutnez, USP, 25 lb tins.....	D	1.40	: 1.60
Orange, bitter, 25 lb tins.....	D	2.60	: 2.70
Sweet, W. Ind, 25 lb tins.....	D	2.50	: 2.70
Italian, 25 lb cop.....	D	2.60	: 3.00
American, 25 lb tins.....	D	2.55	: 2.75
Distilled, 25 lb tins.....	D	1.65	: 1.75
Spanish, 25 lb tins.....	D	2.75	: 2.90
Origanum, 50 lb cans each.....	D	.25	: .50
Parsley, 1 lb bot.....	D	3.50	: 3.75
Fatchool, 5 lb bot.....	D	4.90	: 5.50
Peppermint, dom., 25 lb tins.....	D	2.00	: 2.15
Imported, 25 lb tins.....	D	1.70	: 2.00
PEPPERMINT, nat., 60 lb cases.....	D	15.00	: 15.50
Redis, USP, 60 lb cases.....	D	16.00	: 16.50
Petit Grain, S. A. 25 lb tins.....	D	2.15	: 2.35
French, 1 lb bot.....	D	7.00	: 8.00
Italian, 25 lb tins.....	D	2.35	: 2.55
Pimento, 25 lb tins.....	D	3.50	: 3.55
Pinus Sylvestris, 25 lb tins.....	D	.85	: 1.10
Pumilio, USP, 25 lb tins.....	D	2.25	: 2.50
Rose, Fr., 8, 16 & 32 oz pags.....	os		: 9.00
Rail, S. 16 & 32 oz pags.....	os	9.00	: 11.00
Artificial, 1 lb bot.....	D	2.00	: 3.00
Rosemary, USP, 27 1/2 lb tins.....	D	.45	: .55
1000 lb drums.....	D	.45	: .50
Tech., 27 1/2 lb tins.....	D	.38	: .40
Roe, 1 lb bot.....	D		: 4.00
Sandalwood, E. Ind., USP, 75 lb cases.....	D	7.00	: 7.95
W. Indian (Amayris) 25 lb tins.....	D	2.25	: 2.40
Sassafras, USP, 50 lb cans.....	D	.90	: 1.00
Artificial, 1000 lb dr. 60 lb cans.....	D	.27	: .29
Savin, 50 lb tins.....	D	2.15	: 2.25
Spearmint, USP, 60 lb cases.....	D	3.75	: 4.00
Spruce, 50 lb tins.....	D	.82 1/2	: .85
Pansy, Amer., 20 lb tins.....	D	3.15	: 3.25
Tar, 50 gal bbls.....	gal	.25	: .27
Refined, USP 25 lb tins.....	D		: .80
White, USP, 25 lb tins.....	D	.95	: 1.00
Tech., 110 lb drums.....	D	.30	: .35

Vetiver, Bourbon, 1 lb bot.....	D	11.00	: 14.00
Indian, 1 lb bot.....	D	30.00	: 40.00
Java, 1 lb bot.....	D	20.00	: 22.00
Wine, heavy, 1 lb bot.....	D		: 1.50
WINTERGREEN			
Sweet leh., 25 lb tins.....	D	2.50	: 3.00
Southern, 25 lb tins.....	D	1.85	: 2.00
Gaultheria, true 25 lb tins.....	D	7.00	: 8.00
Southern, 25 lb tins.....	D	3.75	: 4.00
Synthetic, see Methyl Salicylate			
Wormseed, Balt., USP, 25 lb tins.....	D	3.10	: 3.25
Wormwood, dom., 25 lb tins.....	D	4.00	: 4.50
Ylang Ylang, Bourbon, 10 lb tins.....	D	9.00	: 10.00
No. 1.....	D	6.00	: 7.00
No. 2.....	D	35.00	: 40.00
Mandla, 1 lb bot.....	D		

### OLEORESINS

Aspidium, USP, 1 lb bot.....	D	2.00	: 2.25
Japoeicum, USP, 1 lb bot.....	D	2.00	: 2.25
Cubeb, USP, 1 lb bot.....	D	4.00	: 4.50
Zinger, 5 lb bot.....	D	3.25	: 3.50
Malefern, See Aspidium			
Gris, 1 lb bot.....	D	10.00	: 18.00
Pepper, black, USP, 1 lb bot.....	D	3.50	: 4.00
Vanilla, 1 lb bot.....	D	16.50	: 22.00

## Aromatic Chemicals

### NATURAL DERIVATIVES

Anethol, 2 lb bot.....	D	1.10	: 1.25
Borneol, 1 lb bot.....	D	2.50	: 2.75
CITRAL, 250 cans.....	D	3.00	: 3.50
Citronellal, 1 lb bot.....	D	2.50	: 3.00
EUCALYPTOL, USP, 50 lb cans.....	D	.90	: .95
Eugenol, USP, 25 lb cans.....	D	3.10	: 3.25
Geraniol, Domestic, 50 lb cans.....	D	3.50	: 4.00
Imported, 5 lb bot.....	D	4.00	: 4.50
Iso-Eugenol, 1 lb bot.....	D	4.00	: 4.50
Imported.....	D	4.80	: 5.00

Linalool, 5 lb bot.....	D	6.00	: 6.50
From Bois de Rose, 5 lb bot.....	D	7.00	: 7.50
MENTHOL, 60 lb cases.....	D	10.75	: 11.00
less cases, 5 lb cans.....	D	11.00	: 11.25
Rhodinol, 1 lb bot.....	D	16.00	: 19.00
Extra, 1 lb bot.....	D	40.00	: 47.00
AFRIL, drums.....	D	.31	: .32
60 lb cans.....	D	.33	: .34
Thymol, USP, 25 lb tins.....	D	3.75	: 4.00

### SYNTHETIC AROMATICS

Acetophenone, CP, 1 lb bot.....	D	3.50	: 3.75
Aldehyde, C-8 (Octyl) 1 lb bot.....	D	45.00	: 50.00
C-9 (Nonyl), 1 lb bot.....	D	70.00	: 75.00
C-10 (Decyl), 1 lb bot.....	D	50.00	: 58.00
C-12 (Duodecyl), 1 lb bot.....	D	27.50	: 32.50
C-14, 1 lb bot.....	D	22.50	: 25.00
C-16, 1 lb bot.....	D	70.00	: 80.00
Anisidine, see Anisic Aldehyde			
Amyl Acetate, pure 5 gal cans.....	D	4.75	: 5.50
Butyrate, 1 lb bot.....	D	1.90	: 2.00
Cinnamate, 1 lb bot.....	D	4.00	: 4.50
Formate, 1 lb bot.....	D	1.75	: 2.00
Phenyl Acetate, 1 lb bot.....	D	4.50	: 5.00
SALICYLATE, dom. 100 lb chys.....	D	1.45	: 1.50
Imported.....	D	2.25	: 2.50
Valerate, 5 lb bot.....	D	2.75	: 3.00
Anisic Aldehyde, 1 lb bot.....	D	3.50	: 3.75
BENZALDEHYDE, USP, 40 lb chys.....	D	1.20	: 1.40
FFC, 40 lb chys.....	D	1.40	: 1.50
Imported, USP.....	D	1.00	: 1.10
Benzonic Ether, See Ethyl Benzoate			
Benzophenone, 1 lb bot.....	D	4.50	: 5.00
Benzyl Acetate, 100 lb chys.....	D	1.40	: 1.50
Alcohol, 5 lb bot.....	D	1.45	: 1.55
BENZOATE, 5 lb bot.....	D	1.60	: 1.75
Medicinal FFC.....	D	1.75	: 2.00
Butyrate, C.P., 1 lb bot.....	D	6.00	: 6.50
Cinnamate, 1 lb bot.....	D	10.00	: 10.50
Formate, 1 lb bot.....	D	3.25	: 3.50

## E. ATKINS & CO.

Alcohol Division

90 WALL STREET NEW YORK

## ALCOHOL

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## OILS ESSENTIAL OILS

and

## Aromatic Chemicals

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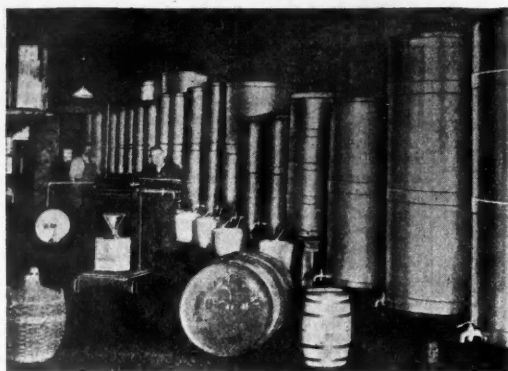
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## FRITZSCHE BROTHERS

Inc.

NEW YORK





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**C**ORRECT warehousing and storage-facilities in a plant comprising over twenty-two thousand square feet of floor space is only part of the plan and service rendered by our organization. Representatives traveling throughout the United States will be glad to discuss with you the possibilities of improving your products, having in mind the use of M M & R ESSENTIAL OILS, BAL-SAMS, AROMATIC CHEMICALS and specialties.

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**FAMOUS PARAGON OLIVE OIL**

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# METHANOL ACETIC ACID

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ST. LOUIS  
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LOS ANGELES

PLANTS Marquette and Antrim, Mich.

# Aromatic Chemicals

Isomyl Propionate, 1 lb. bot. ....	D	5.00	: 5.25	Iso-Safrol, 1 lb. bot. imp. ....	D	4.00	: 4.50	Terpinyl Acetate, 25 lb. cans. ....	D	1.65	: 1.85
Isomyl Acetate, 1 lb. bot. ....	D	3.75	: 4.00	Domestic, 5 lb. bot. ....	D	4.00	: 4.25	Imported, 25 lb. cans. ....	D	1.90	: 2.20
Isomylol, 25 lb. cans. ....	D	3.50	: 4.00	Linyl Acetate, 1 lb. bot. ....	D	7.50	: 8.50	TERPENEOL, CP, 1000 lb. drs. ....	D	.35	: .50
Isomyl Anthradate, 1 lb. bot. dom. D		...	: 16.00	Benzoate, 1 lb. bot. ....	D	13.00	: 14.00	Cans, 50 lb. ....	D	.39	: .45
Saurin Ether, See Ethyl Butyrate				Formate, 5 lb. bot. ....	D	10.50	: 12.00	Absolute, 25 lb. cans. ....	D	.50	: .70
Cinnamic Acid, 5 lb. cans. ....	D	3.25	: 3.50	Methyl Acetophenone ....	D	3.50	: 3.75	Imported, 25 lb. cans. ....	D	.40	: .45
Alcohol, liquid 1 lb. bot. ....	D	9.00	: 9.50	ANTHRANILATE dom., 1 lb. bot. D		2.50	: 3.25	VANILLIN, USP, 500 gr. cans. ....	D	...	: .44%
Crystallizable ....	D	9.50	: 10.00	Imported ....	D	2.75	: 3.75	Cans, 16 oz., 80 oz. ....	D	.50	: .55
Aldehyde ....	D	3.50	: 3.75	Benzoate, 5 lb. bot. import. ....	D	2.00	: 2.25	Second Hands ....	D	.47	: .50
CITRONELLOL, 1 lb. bot. ....	D	7.50	: 9.00	Domestic, 5 lb. bot. ....	D	1.75	: 2.00	Valerianic Ether, See Ethyl Valerate			
Imported, 1 lb. bot. ....	D	8.00	: 10.00	Cinnamate, 1 lb. bot. ....	D	3.50	: 3.75	Yara Yara, 1 lb. cans. ....	D	1.50	: 1.80
Citronellyl Acetate, 1 lb. bot. ....	D	13.00	: 14.00	Heptenone, 1 lb. bot. ....	D	8.00	: 8.25	PERFUMERS' SUNDRIES			
COUMARIN, 25 lb. cans. ....	D	3.25	: 3.45	Paracresol, 1 lb. bot. ....	D	8.00	: 9.00	Almond Meal, 25 lb. cans. ....	D	.34	: .38
DIETHYL PHTHALATE, 25 lb. cans. D		.35	: .38	Phenylacetate, 5 lb. bot. dom. D		3.75	: 4.00	Amber, liquid, 400 lb. drs. ....	D	2.30	: 2.30
500 lb. drs. ....	D	.30	: .33	SALICYLATE, USP 500 lb. ....	D	...	: .45	Ambergris, black, bxs. ....	D	8.00	: 10.00
Diphenylglyoxal, 25 lb. tins. ....	D	.85	: .90	drums ....	D	...	: .45	Ambergris, gray, bxs. ....	D	...	: 26.00
Ethyl Acetate, pure, 5 lb. bot. ....	D	.45	: .50	50 lb. cans. ....	D	...	: .47	Balsam Copaliba, Para, 80 lb. cases D		.54	: .55
Benzoate, 5 lb. bot. ....	D	1.75	: 1.90	Second Hands ....	D	.44	: .45	Peru, 120 lb. cases ....	D	1.90	: 2.00
Butyrate, 5 lb. bot. ....	D	1.90	: 2.10	Mirbane, rect., 1000 lb. drums. ....	D	.13	: .14	Tolu, 90 lb. cases ....	D	1.40	: 1.50
Caproate, 1 lb. bot. ....	D	3.25	: 3.50	Musk Ambrette, 1 lb. cans. ....	D	10.00	: 10.50	Berzotin Gum, Siam, bxs. ....	D	1.50	: 1.55
Cinnamate, 1 lb. bot. ....	D	3.50	: 3.75	Ketone, 1 lb. cans. ....	D	11.50	: 12.00	Castoreum, 1 lb. bot. ....	D	4.50	: 5.00
Formate, 5 lb. bot. ....	D	.90	: 1.25	Xylene, 5 lb. cans. ....	D	3.25	: 3.50	Chalk, precip. light, 175 lb. bbls. D		.04%	: .06
Ethyl-methyl Paracresol, 1 lb. bot. D		3.25	: 3.50	Nerolin, 1 lb. cans. ....	D	1.50	: 1.60	Cherry Laurel Water, 5 gal. cans. gal		1.15	: 1.25
Ethyl Phenylacetate, 5 lb. bot. ....	D	3.75	: 4.00	Oenanthe Ether, 1 lb. bot. ....	D	1.75	: 2.00	Civet Abyssin, horns ....	D	2.25	: 2.50
Propionate, 1 lb. bot. ....	D	1.75	: 2.00	Para-Cymene, Refd., 110 gal. drs. gal		2.25	: 2.50	Labdanum, 5 lb. bot. ....	D	...	: 8.00
Valerate, 5 lb. bot. ....	D	...	: 3.75	Phenylacetaldehyde, Dom. ....	D	8.00	: 8.50	Lanolin hydrous, 350 lb. bbls. ....	D	.15	: .31
Salicylate, 5 lb. bot. ....	D	2.00	: 2.10	1 lb. bot. 50 p.e. ....	D	7.00	: 7.50	Anhydrous, 350 lb. bbls. ....	D	.18	: .35
Formic Ether, See Ethyl Formate				Imported, 50 p.e. ....	D	14.00	: 16.00	Musk pods, Cabardine, tins. ....	D	16.00	: 17.00
Geranyl Acetate, 1 lb. bot. ....	D	4.75	: 5.00	80-85 p.e. ....	D	8.00	: 8.25	Tongquin, tins. ....	D	22.00	: 23.00
Butyrate, 1 lb. bot. ....	D	13.00	: 13.50	Phenylacetic Acid, 1 lb. bot. ....	D	8.00	: 8.25	Grains, Cabardine, tins. ....	D	25.00	: 26.00
Formate, 1 lb. bot. ....	D	12.00	: 12.50	Phenyl Diacetate, 1 oz. bot. ....	D	8.00	: 10.00	Tongquin, tins. ....	D	34.00	: 35.00
Heliotropin, dom., 100-10 lbs. ....	D	1.85	: 2.00	1 lb. bot. ....	D	7.00	: 7.75	Synthetic, See Aromatic Chemicals			
Imported ....	D	2.10	: 2.40	Phenylethyl Alcohol, 1 lb. bot. ....	D	6.00	: 7.00	Oris Rt. Flor., powd bbls. ....	D	.12	: .13
Hydroxycitronellal, 1 lb. bot. ....	D	12.00	: 14.00	Phenylethyl Butyrate, 1 lb. bot. ....	D	26.00	: 28.00	Verona, powd bbls. ....	D	.10	: .11
ndol, CP, 1 oz. bot. ....	D	6.00	: 6.50	Formate, 1 lb. bot. ....	D	19.00	: 21.00	Petrolatum, snow white 350 lb. bbls. D		1.3%	: .14
Ionone, 1 lb. bot. 100% ....	D	10.00	: 11.00	Propionate, 1 lb. bot. ....	D	20.00	: 24.00	Light Amber, 250 lb. bbls. ....	D	.04%	: .05%
Alpha ....	D	14.50	: 16.00	Valerate, 1 lb. bot. ....	D	25.00	: 29.00	Rice Starch, 140 lb. bgs. ....	D	.09	: .10
Beta ....	D	12.75	: 14.50	Phenylpropylalcohol, 1 lb. bot. ....	D	15.00	: 16.00	Rose Water, 6 2-3 gal. chys. ....	D	1.00	: 1.20
Methyl ....	D	16.00	: 18.00	Skatol, 1 oz. bot. ....	D	7.00	: 7.25	Sandalwood chips, powd., bags. ....	D	.30	: .35
iso-Butyl Benzoate, 5 lb. bot. ....	D	4.75	: 5.00					Saponin, 5 lb. tins. ....	D	1.15	: 1.50



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Imports at New York, May 30 to June 6

**ACIDS**—Arsenious, 151 brls., Amer Metal Co. Tampico; **Betan**, 2 brls., Mirrolite Co., Hamburg; **Coal-Tar**, 11 drs., Merck & Co., Hull; **Citric**, 100 cks. Order, Palermo; **Cresylic**, 22 drs., Order, Liverpool; **Stearic**, 200 bgs., Strohmeyer & Arpe Co., Rotterdam; **Tartaric**, 50 kegs, W. Benkert Co., Rotterdam; 100 brls., Brown Bros., Marseilles.

**ALBUMEN**—Blood, 10 dks., Clegg Chem. Co., Liverpool.

**ALOES**—33 cs., Selma Merc. Corp., Curacao; 64 cs., R. Desvernine, Curacao.

**ANTIMONY**—120 cs. Order, London; 700 cs., F. A. Cundill & Co., Changsha; 12 bgs., Wah Chang Trdg Co., Shanghai; 250 bgs., Vino Java Handels, Shanghai; 1,250 cs., Harshaw, Fuller & Goodwin, Singapore; **Oxide**, 104 bgs., Wah Chang Trdg Co., Bremen; 130 bgs., Java Handels, Singapore; **Regulus**, 251 bgs., Wah Chang Trdg Co., Shanghai; 2 cs., D. L. Moss & Co., Shanghai; 50 cs., Grace Nat Bank, Hongkong.

**ARGOLS**—42 cks., Tartar Chem. Co., Palermo.

**BALSAM**—Copaiba, 30 cs., Fritzsche Bros., Hamburg.

**BARIUM**—Chloride, 45 cks., Hoessler & Hasslacher Chem Co., Antwerp; **Hydrate**, 60 brls., Innis Speider & Co., Hamburg.

**BARK**—40 bgs., Order, Hamburg; 667 bgs., Order, Natal; **Quillay**, 64 bls., W. R. Grace & Co., San Antonio; **Wattle**, 1,172 bgs., E. R. Legg, Durban; 1,286 bgs., Tannin Corp., Durban.

**BARYTES**—300 cks., W. Van Doorn, Rotterdam; 80 cks., Toch Bros., London; 450 bgs., N. Y. Trust Co., Bremen; 200 bgs., Order, Bremen.

**BETANAPHTHOL**—8 cks., Kuttroff Pickhardt Co., Hamburg; 1 csk., Heyden Chem. Corp. of America, Hamburg.

**BISMUTH METAL**—8 cs., C. Pfizer & Co.,

Antwerp; 4 cs., Merck & Co., Antwerp.

**CAMPHOR**—Crudes, 50 cs., Eastman Kodak Co., Shanghai.

**CHLORINATED LIME**—75 cs., H. Kohnstamm & Co., Liverpool.

**COLORS**—5 cks., Franklin Imp & Exp Co., Hamburg; 5 brls., Irving Bank, Antwerp; 5 cks., Irving Bank, Havre; 2 brls., Fidelity Intern Trust Co., Antwerp; 19 pgs., Geigy Co., Havre; 3 cks., W. J. Byrnes Co., Havre; 87 cks., Ciba Co., Havre; 21 cks., 2 cs., Kuttroff Pickhardt Co., Hamburg; 15 cks., Sherwin Williams Co., Southampton; 5 cks., H. A. Metz & Co., Rotterdam; 11 cks., H. R. Jahn, Rotterdam; 55 cks., Kuttariff Pickhardt Co., Rotterdam; 30 cks. Gras selli Dyestuff Co., Rotterdam; 5 cks., L. & R. Organic Products Co., Rotterdam 4 cks., V. Hosken, Rotterdam; 5 brls., 2 cks., Irv. Bk., Antwerp; 200 cks., Heemsoth Basse Co., Havre; 1 ck., Carbic Color & Chem Co., Havre; 7 pgs., Irv. Bk., Havre; 10 pgs., W. F. Sykes & Co., Havre; 4 brls., Chem Nat Bank, Marseilles; 4 cs., H. A. Metz, Hamburg; 3 cks., 1 csk., Ackerman Color Co., Genoa; 5 cks., V. Hosken, Genoa.

**DRAGONS BLOOD**—9 cs., Chase Nat Bank, Singapore; 10 cs., Brown Bros. & Co., Singapore; 3 cs., Order, London.

**DRUGS**—9 bgs., Innis Speiden — Co., Havre; 37 cs., E. Fougere & Co., Havre.

**ETHER**—2 drs., H. J. Baker Chem Co., Manila.

**EXTRACTS**—Archil Liquor, 10 cks., A. De Ronde & Co., London; **Logwood**, 5 brls., T. S. Todd & Co., Monte Cristi; 20 cks., J. Campbell & Co., Savanna La Mar; **Mangrove Bark**, 1,000 bgs. Order, Sgapore; **Quebracho**, 2,000 bgs., Order, Buenos Aires.

**GLUE**—130 cs., 4 cts., L. W. Ferdinand & Co., London; 20 brls., Harritan Glue Co., Antwerp; 101 brls., 52 pgs., W. E. Miller

Havre; 75 bgs., Amer. Exp. Co., Liverpool; 60 bgs., Milligan & Higgins, Newcastle; 132 pgs., British Bank of So America, Antwerp.

**GLUESTOCK**—156 bls., Conn Glue Co., Antwerp.

**GLYCERIN**—10 drs., Brown Bros & Co., Antwerp; 80 drs., Order, Antwerp.

**GUMS**—23 bgs., Order Marseilles; 63 bgs., D. L. Silverman & Co., Bombay; 40 cs., W. Wrigley, Batavia; **Arabic**, 470 bgs., Brown Bros & Co. Port Sudan; 750 bgs., Order, Port Sudan; **Chicle**, 117 bls., Royal Bank of Canada, Ciudad Bolivar; **Copal**, 503 bgs., Niger Co., Antwerp; 900 bgs., Mech & Metals Nat. Bank, Antwerp; 406 bgs., L. C. Gillespie & Sons, Antwerp; 95 bgs., Innes & Co., Antwerp; 28 bgs., Chem Nat Bank, Antwerp; 651 bgs., Order, Antwerp; 128 bgs. 25 cs., Standard Bank of So Africa, Singapore; 64 bgs., Order, Singapore; 210 cs., Baring Bros. & Co., Singapore; **Olibanum**, 73 cs., F. W. Mead & Company, Bombay; **Kauri**, 507 cases, Baring Brothers & Company, Auckland; 18 cs. Brown Bros & Co., Auckland; 27 cs., 54 sks., Davies Turner & Co., Auckland; 10 cs., 48 bgs., Order, Auckland; **Tragacanth**, 20 cs., Order, Southampton.

**HERBS**—5 bls., Peek & Velsor, Hamburg; **Medicinal**, 2 bls., J. L. Hopkins & Co., Marseilles.

**INDIGO**—1 ck., H. A. Metz, Rotterdam.

**Hehotropin**, 2 cs., P. R. Dreyer, Rotterdam.

**IRON OXIDE**—45 cks., L. H. Butcher & Co., Liverpool; 10 cks., United Amer. Lines, Liverpool.

**IRON**—Perchloride, 17 cks., De Mattia Chem Inc., Newcastle.

**JUICE**—Lemoa, 180 brls., Order, Marseilles; **Lime**, 5 cks., Perry Ryer & Co., Dominica; 120 brls., Powers-Weightman-Resengarten, Palermo.

**LEAVES**—Patchouli, 44 bgs. Order, Sgapore. 42

GEORGE UHE

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**LIME CITRATE**—89 cks., C. Pfizer & Co., Messina

**MAGNESIA**—2 cs., Order, Newcastle; 1 cse., Parke Davis Co., Newcastle; Calcined, 40 cs., F. Stearns & Co., Newcastle; 25 cs., Order, Newcastle; Carbonate, 56 cs., Order, Newcastle

**MAGNESITE**—234 brls., H. J. Baker & Bro., Rotterdam; 94 brls., A. Kramer & Co., Rotterdam; 1,200 bgs., Order, Madras

**MEDICINALS**—15 cs., Ital Drug Impgt Co., Marseilles

**MENTHOL**—12 cs., Bank of Manhattan Co., Hamburg

**MYROBALANS**—439 bgs., Order, Coconada

**NICKEL SULFATE**—22 cks., Philipp Bros., Liverpool

**NUX VOMICA**—123 bgs., Brown Bros. & Co., Madras; 62 bgs., Chase Nat Bank, Madras; 132 bgs., Order, Bombay; 615 bgs., Order, Madras

**OILS**—Cod, 60 cks., Sherman & Co., Hull; 200 cks., R. Badcock & Co., St. Johns; 500 cks., Nat Oil Products Co., St. Johns; Cod-liver, 15 brls., Burroughs Wellcome & Co., London; 160 brls., W. Fischer, Oslo; 185 brls., 20 cks., Order, Oslo; Haarlem, 7 cs., Kronfeld Saunders & Co., Rotterdam; Palm, 60 brls., Order, Liverpool; 598 drs., Niger Co., Antwerp; Peanut, 5 brls., Lamont Corlies & Co., Rotterdam; Rape, 50 brls., Bankers Trust Co., Hull; 800 brls., Vacuum Oil Co., Hull; 100 brls., Nat City Bank, Hull; 425 brls., Order, Hull; Seal, 100 cks., Bowring & Co., St. Johns; Sperm, 25 brls., Procter & Gamble, So. Shetland; Sulfur, 350 brls., Bankers Trust Co., Seville; Whale, 2,725 brls., Procter & Gamble, South Shetland

**OILS ESSENTIAL**—1 cse., G. Lueders & Co., Antwerp; 6 cs. Polaks Frutal Works, Rotterdam; 250 cs., Order, Messina; 2 cs., B. F. Drakenfeld Co., Havre; 5 brls., P. R. Dreyer, Havre; 15 pgs., Ungerer & Co., Havre; 1 cse., Orbis Prod Trdg. Company, Havre; 11 cks., Order, Marseilles; 6 cs., Heine & Co., Bremen; Almond, 12 cs., E. Maurer, Marseilles; 34 cs., Order, Marseilles; 2 drs., 2 cs., Ungerer & Co., London; Bay, 7 cs., Gillespie & Co., Dominica; Bergamot 25 cs., G. Lueders & Co., Messina; Camphor, 21 drs., D. L. Moss & Co., Shanghai; Cassia, 5 drs., Ungerer & Co., Hongkong; Cinnamon Leaf, 6 drs., Fries Bros., London; Lemon Grass, 7 drs., Order, Cochiti; Linaloe, 12 cs. H. Triest Co., Manzanillo; Orange, 46 cs., Order, Kingston; 10 cs., Gillespie & Co., Kingston; Palmarosa, 2 pots, Order, London; Poppy Seed, 5 brls., Lo Curto & Funk, Marseilles

**OXIDE**—8 cks., L. H. Butcher & Co., Hull; Red, 8 cks., Siemon & Elting, Liverpool; 40 cks., J. L. Smith, Hull

**POTASSIUM SALTS**—100 drs., A. Klipstein & Co., Hamburg; Muriate, 500 bgs., Soc. Comm Des Potasses D'Alsace, Antwerp; Perchlorate, 250 brls., C. Hardy, Havre; Prussiate, 22 cks., Guaranty Trust Co., Gothenburg; 18 kgs., C. Tennant & Sons, Liverpool

**QUININE**—12 cs., R. W. Greiff & Co., Rotterdam; 5 cs., Hanover Nat Bank, Naples

**ROOTS**—2 bls., Peck & Velsor, Hamburg; 21 bls., Peck & Velsor, Bremen; 2 bls., Order, Marseilles; Aconite, 17 bls., Chem Nat. Bk., Rotterdam; Gentian, 31 bls., Order, Marseilles; Marshmallow, 5 bls., J. L. Hopkins & Co., Antwerp

**SAPONIN**—10 cs., Pfaltz & Bauer, Hamburg  
**SEEDS**—Cardamom, 7 cs., Order, London; 8 cs., B. H. Old & Co., Bombay; Castor, 50 bgs., S. L. Brinley, Port Au Prince; 10864 bgs., Order, Coconada; 6830 bgs., Volkart Bros., Coconada; 2,800 bgs., Strauss & Co., Bombay; Cumin, 47 bgs., Order, London; 210 bgs., A. Champion, Marseilles; Fennel, 2 cs., Order, Palermo; Mustard, 280 bgs., R. F. Downing & Co., London; 600 bgs., Order, Hull; Rape, 74 bls., A. G. Dunn, Rotterdam

**SHELLAC**—50 cs., C. F. Gerlach, Rotterdam; 150 bgs., Ralli Bros., Hamburg

**SODIUM SALTS**—Bisulfite, 27 brls., Brown Bros. & Co., Antwerp; 75 brls., A. Klipstein & Co., Antwerp; Cyanide, 116 drs., Liverpool; Hydrosulfite, 20 kgs., H. A. Metz, Rotterdam; Hyposulfite, 100 bls., Suter & Co., Marseilles; Fluoridilicate, 100 brls., Order, Rotterdam; Nitrate, 19,732 bgs., W. R. Grace & Co., Iquique; Sulphurate, 131 drs., C. S. Grant & Co., Rotterdam

**SUMAC**—350 bgs., J. S. Young, Palermo; 700 bgs., Order, Palermo

**TARTAR**—709 bgs., C. Pfizer & Co., Marseilles; 401 bgs., Tartar Chem. Works, Marseilles; 299 bgs., Harshaw, Fuller & Goodwin, Marseilles

**TURMERIC**—160 bgs., Brown Bros. & Co., Cochiti; 1,140 bgs., Volkart Bros., Alleppey; 880 bgs., Order, Alleppey; 500 bgs., Volkart Bros., Cochiti; 160 bgs., F. W. Mead & Co., Bombay; 128 bgs., First Nat Bank Minn., Bombay

**UMBER**—2,978 bgs., Reichard Coulston, Larnaca

**VANILLA BEANS**—13 cs., Order, Havre; 86 cs., Dodge & Olcott, Marseilles; 73 cs., Dodge & Olcott, Marseilles; 5 cs., P. H. Petry & Co., Marseilles

**WAX**—41 bgs., Stahl & Pitch, Antwerp; 27 bls., T. Norton & Co., Santos; 40 cs., Chem Nat Bank, Havre; Bees, 28 cs., Order, Rotterdam; 31 bgs., W. R. Grace & Co., Talcahuano; 53 kgs., W. R. Grace & Co., Valparaiso; 48 bgs., Nat City Bank, Rio de Janeiro; Carnauba, 68 bgs., Nat City Bank, Ceara; 55 bgs., Guaranty Trust Co., Ceara; 503 bgs., Nat City Bank, Para; 162 bgs., Lazard Freres, Ceara; 135 bgs., Order, Ceara

**WOOL GREASE**—100 brls., Amer Exch Nat Bank, Bremen; 80 brls., Order, Bombay

**ZINC**—Chloride, 39 drs., Innis Speiden & Co., Rotterdam; 50 cks., Roessler & Hasslacher Chem Co., Rotterdam; Oxide, 120 brls., Innis Speiden & Co., Antwerp; 50 brls., Reichard Coulston Inc., Antwerp; 250 brls., Amer Exch Nat Bank, Marseilles; 5 cks., Yardley & Co., Southampton; 50 brls., Order, Marseilles; 50 brls., Orbis Prod. Trdg Co., Marseilles; 2 brls., J. T. Baker Chem Co., Manila; White, 52 cks., L. H. Butcher & Co., Rotterdam; 50 brls., Reichard Coulston Inc., Marseilles

## IMPORTS AT PHILADELPHIA

May 28 to June 3

**AMMONIUM CHLORIDE**—250 cks., Order, Rotterdam

**CALCIUM SULFATE**—60 cs., Order, Bordeaux

**CUTCH**—100 boxes, Order, Liverpool

**GUM COPAL**—145 bgs., Brown Bfs & Co., Antwerp; 56 bgs., Order, Antwerp

**MAGNESITE**—30,244 bgs., Harbison, Walker Refractories Co., Trieste; 2 tins, Order, Trieste; 375 bgs., Order, Antwerp

**METHANOL**—135 cks., Order, Rotterdam

**OIL, DEGRAS**—25 brls., Order, Antwerp

**POTASSIUM-CHLORIDE**, 2,500 bgs., Societe Commerciale des Potasses d'Alsace, Antwerp

**Nitrate**, 80 cks., Harshaw, Fuller & Goodwin Co., Antwerp; 80 cks., Harshaw, Fuller & Goodwin Co., Antwerp; Manure Salt, 20%, 98,380 kilos, Societe Commerciale des Potasses d'Alsace, Antwerp

**SEEDS**, Cardamom—8 cs., Order, Colombo

**SHELLAC**—250 bgs., Order, Calcutta

**SODIUM-Sulfite**, 150 drms., O. G. Hempstead & Son, Rotterdam; Uranate, 18 cs., Order, Antwerp

**TAPIOCA FLOUR**—1,075 bgs., International Banking Corp., Batavia; 1,009 bgs., Order, Batavia; 683 bgs., Equit Trust Co., Sourabaya; 484 bgs., Order, Sourabaya

**WATTLE BARK**—772 bgs., Std. Bk. of S. Afr., Port Natal

## IMPORTS AT BALTIMORE

May 28 to June 4

**DEGRAS**, 21bbls, 9,576lbs, to order, Artigas Marseilles

**EPSOM SALT**—500 bags, to order, Hornfels, Bremen

**FULLER'S EARTH**—250 bags, L. A. Salomon Bros., New York, Barbadian, London

**MOLASSES**—1,300,000 gals, Cuba Distilling Co., Carabulle, Cienfuegos; 1,200,000 gals., Cuba Distilling Co., Nelson, Cienfuegos

**OIL—Olive**, 469 bbls., 210,634 lbs., Pompeian-Remanza Co., Clontarf, Marseilles; 487 bbls.,

**POTASH**—Kainit, 199,650 lbs., Potash Importing Corp., Legie, Hamburg; 399,164 lbs., Potash Importing Corp., Legie, Hamburg; Manure Salt—199,597 lbs., Potash Importing Corp., Legie, Hamburg; 813,091 lbs., Potash Impgt Corp., Legie, Hamburg; 3,555,541 lbs., Potash Impgt Corp., Legie, Hamburg; Muriate, 2,000 bags, 410,396 lbs., F. H. Strallus Co., Legie, Hamburg; 4,000 bags, 803,792 lbs., Potash Impgt Corp., Legie, Hamburg  
**SEEDS—Coriander**, 22 cases, McCormick & Co., Clontarf, Marseilles

## IMPORTS AT BOSTON

May 30 to June 6

**ACID—Cresylic**, 12 drms., Order, London; Formic, 80 balloons, A. Klipstein & Co., Rotterdam; Lactic, 48 cks., Rotterdam

**AMMONIUM CHLORIDE**—20 cks., Kuttroff Pickhardt Co., Rotterdam

**BARYTES**—2,000 cks., Order, Hamburg

**COLOKS**—20 cs., Order, Hamburg

**GENTIAN ROOT**—60 bbls., Order, France

**GLAUBER SALTS**—120 bbls., Brown Bros. Co., Hamburg

**MOLASSES**—3,004 bbls., Order, Porto Rico  
**OIL, Cressote**—150 cks., Order, London; Palm 19 cks., Order, Liverpool; 80 cks., Standard Bank of S. Afr., Liverpool

**POTASH, Caustic**—121 drms., Am. Exch Bk., Hamburg; Nitrate, 10 cks., I. M. Sobin, Rotterdam

**SHELLAC**—50 bgs., Standard Bank of S. Afr., Hamburg

**SODIUM ARSENATE**—21 cks., Order, London

**STICKLAC**—225 bgs., Order, Hamburg

**TALC**—300 bgs., Chas. Maschein, Genoa; 250 bgs., L. A. Salomon Bros., Genoa

**TRAGASOL**—10 bbls., J. P. Marsten Co., London

**ZINC CHLORIDE**—19 drms., Order, Rotterdam

## IMPORTS AT SAN FRANCISCO

May 23 to 30

**ACID—Arsenic**, 1350 cases, Balfour, Guthrie & Co., Kobe

**AGAR AGAR**—10 bales, Charles Gable Co., Yokohama

**AMMONIA**—Nitrate, 375 casks, Order, Hamburg

**BARYTES**—200 bags, Roessler & Hasslacher Chemical Co., 25 drums, Hamburg

**CALCIUM CHLORIDE**—76 drums, Maillard & Schmiedell, Hamburg; 169 drums, Meyer, Wilson & Co., Hamburg

**CAMPBOR**—50 cases, F. F. G. Harper & Co., Kobe

**CASSIA**—30 cases, India American Trdg Co., Hongkong

**OIL—Linseed**, 10 drums, Order, Calcutta; Peanut, 750 tons, Mitsui & Co., Daien; Perilla, 345 bbls., Bank of California, N. A. Kobe; 230 drums, S. L. Jones & Co., Kobe

**POTASH—Caustic**, 25 drums, Roessler & Hasslacher Chemical Co., Hamburg

**IRON OXIDE**—511,260 lbs., Order, England; 544,092 lbs., Order, Spain; 555,011 lbs., Order, Spain

**MOLASSES**—600,000 gal., Order, Havana; 568,000 gal., Kentucky Alcohol Co., Havana

**MAGNESIUM CHLORIDE**—2,300 lbs., Order, England

**POTASH MANURE SALTS**—496 tons, Order, Belgium

**PYRIDINE**—4,324 lbs., Order, Germany; 1,606 lbs., Order, Germany

**SODIUM NITRATE**—3,000 tons, Order, Chili; 8,951 tons, Order, Chili; 4,790 tons, Order, Chili

**VANILLA BEANS**—4 cs., W. T. Raleigh Co., Vera Cruz; 13 cs., Vera Cruz





*This modern and spacious Fermenting Building is typical of the company's equipment*

# Ideal manufacturing conditions and facilities for producing alcohol of finest quality

THE U. S. Industrial Alcohol Co. is ideally equipped to produce finest quality alcohol with efficiency and economy.

Its buildings are modern—specially designed for their intended uses—and carefully grouped to facilitate production. Much of the machinery and equipment installed in these buildings was designed by the company's own technical staff, and constructed in the company's own shops.

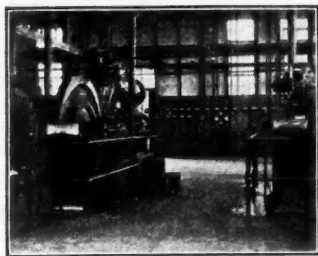
With plants located next to deep water wharves, the company's own tank steamers can discharge their molasses right at the seat of production. And ample railroad sidings permit rapid and efficient loading of its rolling stock for distribution by rail.

Though alcohol production requires but comparatively few men to operate its equipment, these must be competent and skillful. The staff of the U. S. Industrial

Alcohol Co.—the largest organization of its kind in the world—has been carefully trained. The men have held their positions for years—the turnover in labor is surprisingly small.

A special experimental department is constantly achieving further economies and improvements in the operation of this equipment. And an experienced technical staff keeps these installations in perfect repair. Frequent and thorough tests at every stage of production insure the uniformity of the alcohol. Complete control over raw material supplies tends to stabilize its cost. Ideal manufacturing conditions and complete equipment enable a trained staff of experts to work efficiently and with economy.

Thus the U. S. Industrial Alcohol Co. is able to assure its customers alcohol of the highest quality at consistently reasonable prices.



*A part of the electrical installation in one of the power houses*

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*Sales branches in all principal cities*

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## Illinois (Cont.)

## Massachusetts (Cont.)



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Soda Ash, Caustic Soda, Neutral  
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Cleanser, Bicarbonate of Soda,  
Tri Sodium Phosphate, Oxalic  
Acid.  
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**MATHIESON**  
Liquid Chlorine-Caustic Soda-Soda Ash  
Bleaching Powder-Anhydrous Ammonia  
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Aqua Ammonia  
Brimstone  
Sulphur  
Saltpetre (Potassium  
Nitrate)  
Sodium Nitrate  
Potassium Chloride  
Amyl Acetate  
Butyl Acetate

Ethyl Acetate  
Butyl Alcohol  
Refined Fusel Oils  
Ether  
Alum (Aluminum  
Sulphate)  
Turpentine  
Rosin "F"

**The ULRICH CHEMICAL CO.**

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INDIANAPOLIS

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**ACETATES**

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**WISHNICK-TUMPEER  
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Stearic Acid—Rice Starch—Waxes  
Gums, Etc.

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**MATHIESON**  
Liquid Chlorine-Caustic Soda-Soda Ash  
Bleaching Powder-Anhydrous Ammonia  
Modified Virginia Soda-Bicarbonate of Soda

Zinc Dust—Tri Sodium—Irish Moss  
Albumen—Epsom—Lithopone  
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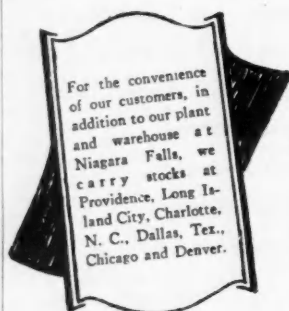
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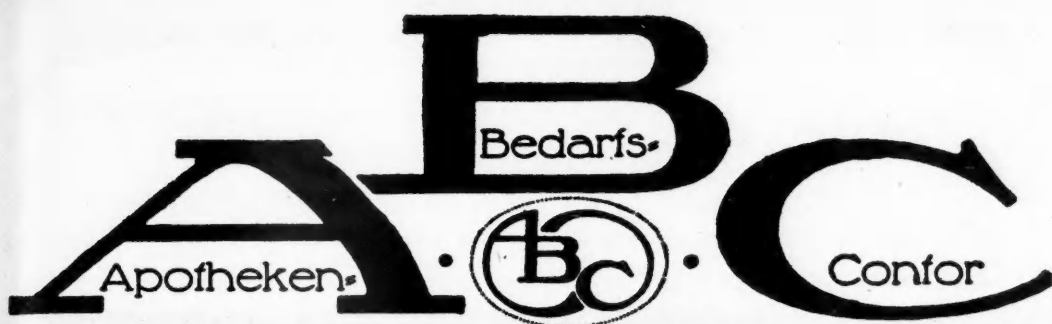
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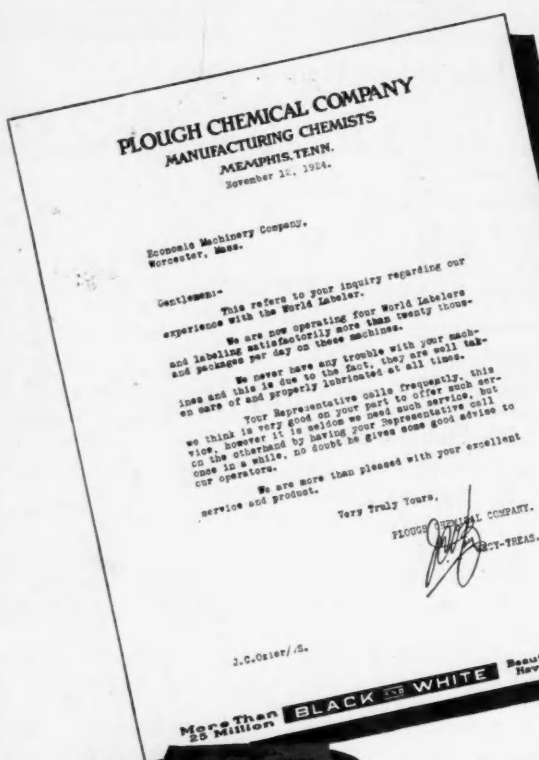
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